



LIST OF PUBLISHED ESCC  
DOCUMENTS AND SPECIFICATIONS

ESCC REP001

ISSUE 18  
May 2015



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## CHANGE DESCRIPTION

This issue supersedes Issue 17, dated January 2015 and incorporates changes as per DCR926 and DCR903.

## INTRODUCTION

This list comprises all ESCC documents and specifications which were published and under configuration control on the 26 May 2015.

The ESCC documents and specifications are classified according to 5 levels, viz:

LEVEL 0 - Policy

LEVEL 1 - 1(0) Organisation Documents.

1(1) Support Documents.

1(2) Implementation Documents.

LEVEL 2 - Basic Specifications.

LEVEL 3 - Generic Specifications.

LEVEL 4 - Detail Specifications.

However, to facilitate retrieval, they are not classified according to the above levels, but by the various classes of publication listed in the table of contents.

The ESCC documents are available from the ESCC web site: <https://spacecomponents.org>

The ESCC specifications are available from the ESCIES web site: <https://escies.org>.

CD-ROM images are also provided on the ESCIES web site.

If access to the web sites is not possible, queries may be directed to the secretariat:

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2200 AG Noordwijk  
The Netherlands

Specification Family : BASIC SPECIFICATIONS

Class of Publication Code : 3 BASIC SPECIFICATIONS

| Number |   | Specification Title                                                                     | Date       |
|--------|---|-----------------------------------------------------------------------------------------|------------|
| 20000  | 2 | Using the ESCC Specification System                                                     | 2014-02-18 |
| 20100  | 4 | Requirements for Qualification of Standard Electronic Components for Space Application  | 2014-06-16 |
| 20200  | 4 | Component Manufacturer Evaluation                                                       | 2014-02-18 |
| 20400  | 3 | Internal Visual Inspection                                                              | 2014-02-18 |
| 20500  | 3 | External Visual Inspection                                                              | 2014-02-18 |
| 20600  | 3 | Preservation Packaging and Despatch of SCC Components                                   | 2014-02-18 |
| 20800  | 3 | New ESCC Specifications and Specification Change Requests                               | 2014-02-18 |
| 20900  | 2 | Radiographic Inspection of Electronic Components                                        | 2014-02-18 |
| 21300  | 4 | Terms Definitions Abbreviations Symbols and Units                                       | 2013-09-26 |
| 21400  | 2 | Scanning Electron Microscope (SEM) Inspection of Semiconductor Dice                     | 2014-02-18 |
| 21500  | 4 | Calibration System Requirements                                                         | 2014-02-18 |
| 21700  | 5 | General Requirements for the Marking of ESCC Components                                 | 2014-02-18 |
| 22600  | 6 | Requirements for the Evaluation of Standard Electronic Components for Space Application | 2014-02-18 |
| 22700  | 3 | Requirements and Guidelines for the Process Identification Document (PID)               | 2015-02-27 |

Specification Family : BASIC SPECIFICATIONS

Class of Publication Code : 3 BASIC SPECIFICATIONS

| Number |   | Specification Title                                                                                                      | Date       |
|--------|---|--------------------------------------------------------------------------------------------------------------------------|------------|
| 22800  | 2 | ESA/SCC Nonconformance Control System                                                                                    | 2014-01-24 |
| 22900  | 4 | Total Dose Steady-State Irradiation Test Method                                                                          | 2010-10-28 |
| 23100  | 3 | Recommendations on the use of the ESCC Specification System for the Evaluation and Procurement of Unqualified Components | 2014-02-18 |
| 23201  | 1 | GUIDELINES FOR EVALUATION TEST PROGRAMME FOR LASER DIODES                                                                | 2014-01-21 |
| 23202  | 1 | Laser diodes validation and lot acceptance testing guidelines                                                            | 2014-10-14 |
| 23400  | 3 | Microsection Examination Preparation and Evaluation of Capacitors Fixed Ceramic Leaded and Chips                         | 2013-02-04 |
| 23500  | 6 | Requirements for Lead Materials and Finishes for Components for Space Application                                        | 2013-09-20 |
| 23600  | 2 | Complaints and Appeals                                                                                                   | 2014-02-18 |
| 23800  | 2 | Electrostatic Discharge Sensitivity Test Method                                                                          | 2014-02-18 |
| 24300  | 4 | Requirements for the Capability Approval of Electronic Component Technologies for Space Application                      | 2015-04-17 |
| 24400  | 2 | Measurement of Insertion Loss for E.M.I Suppression Filters                                                              | 2013-10-02 |
| 24500  | 1 | Reduced EMC test method for Radiated Emission and Radiated Susceptibility                                                | 2015-04-17 |
| 24600  | 3 | Minimum Quality System Requirements                                                                                      | 2014-02-18 |
| 24700  | 2 | Cross Reference of ESA/SCC US-MIL and IEC Test Methods                                                                   | 2014-04-09 |

Specification Family : BASIC SPECIFICATIONS

Class of Publication Code : 3 BASIC SPECIFICATIONS

| Number |   | Specification Title                                                                                   | Date       |
|--------|---|-------------------------------------------------------------------------------------------------------|------------|
| 24800  | 3 | Resistance to Solvents of Marking Materials and Finishes                                              | 2014-02-18 |
| 24900  | 4 | Minimum Requirements for Controlling Environmental Contamination of Components                        | 2014-02-18 |
| 25000  | 2 | Basic Specification for Electro-Optical Test Methods for Charge Coupled Devices                       | 2014-01-21 |
| 25100  | 2 | Single Event Effects Test Method and Guidelines                                                       | 2014-10-14 |
| 25200  | 2 | Application of Scanning Acoustic Microscopy to Plastic Encapsulated Devices                           | 2013-10-02 |
| 25300  | 2 | Decapsulation of Plastic Encapsulated Semiconductor Devices                                           | 2014-12-16 |
| 25400  | 4 | Requirement for the Technology Flow Qualification of Electronic Components for Space Application      | 2012-09-14 |
| 25500  | 1 | Methodology for the detection of pure tin in the external surface of case and leads of EEE components | 2013-04-18 |
| 25600  | 1 | REQUIREMENTS FOR PROCESS CAPABILITY APPROVAL                                                          | 2014-06-16 |
| 26000  | 2 | Failure Rate Level Sampling Plans and Procedures                                                      | 2014-02-18 |

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 21 RESISTORS FILM AND METAL OXIDE

| Number   |    | Specification Title                                                               | Date       |
|----------|----|-----------------------------------------------------------------------------------|------------|
| 4001/011 | 3  | Resistors Fixed Film Non-Hermetically Sealed, based on type RS92 (RNC90)          | 2014-06-18 |
| 4001/022 | 4  | Resistors, Fixed, Surface Mount Film, Non-Hermetically Sealed, Based on Type MS1  | 2014-11-13 |
| 4001/023 | 11 | Resistors fixed film chips, based on type P HR                                    | 2014-11-25 |
| 4001/025 | 7  | Resistor Arrays, Fixed, Surface Mount, Thin Film, based on Type PRA HR            | 2014-06-18 |
| 4001/026 | 6  | Resistors Fixed Chip Thick Film Based on Type CHP                                 | 2014-10-09 |
| 4001/027 | 4  | Resistor Fixed Chip Metal Foil, based on Type SMP-PW, SMS-PW, SMT-PW              | 2014-06-18 |
| 4001/028 | 3  | Resistor Fixed Chip Metal Foil based on Type SMR-PW, SMV-PW                       | 2014-04-09 |
| 4001/029 | 3  | Resistor Fixed Surface Mount Thin Film Non Hermetically Sealed,based on Type TNPS | 2014-06-18 |
| 4001/030 | 4  | RESISTORS, FIXED, CHIP, THIN FILM, BASED ON TYPE LHR                              | 2015-02-25 |
| 4001     | 4  | Generic Specification for Resistors Fixed Film                                    | 2014-06-18 |



Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 57 THERMISTORS

| Number   |    | Specification Title                                                                                                     | Date       |
|----------|----|-------------------------------------------------------------------------------------------------------------------------|------------|
| 4006/002 | 4  | Thermistors (Resistors Thermally Sensitive), based on type 3K3A356                                                      | 2013-12-09 |
| 4006/013 | 8  | Thermistors (Thermally Sensitive Resistors) Range 1000 to 10000 Ohms at +25C with a Temperature Range of -55 to +150 C  | 2013-12-09 |
| 4006/014 | 10 | Thermistors (thermally Sensitive Resistors) Range 2000 to 100000 Ohms at +25C with a Temperature Range of -60 to +160 C | 2013-12-09 |
| 4006     | 2  | Generic Specification for Thermistors (Resistors Thermally Sensitive)                                                   | 2013-12-09 |

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 84 SECTIONAL BASIC SPECS FOR RESISTORS

| Number  |   | Specification Title                                                  | Date       |
|---------|---|----------------------------------------------------------------------|------------|
| 2024000 | 3 | Checklist for Resistors Manufacturer and Line Survey                 | 2014-02-14 |
| 2044000 | 2 | Internal Visual Inspection of Resistors                              | 2014-02-28 |
| 2054000 | 3 | External Visual Inspection of Resistors                              | 2014-03-10 |
| 2094000 | 2 | Radiographic Inspection of Resistors                                 | 2014-03-10 |
| 2134000 | 2 | Terms Definitions Abbreviations Symbols and Units for Resistors      | 2014-03-11 |
| 2264000 | 2 | Evaluation Test Programme for Resistors                              | 2013-07-02 |
| 2544001 | 2 | Requirements for the Technology Flow Qualification of Film Resistors | 2014-03-11 |

Specification Family : FUSES

Class of Publication Code : 98 FUSES THIN FILM

| Number   |   | Specification Title                          | Date       |
|----------|---|----------------------------------------------|------------|
| 4008/001 | 3 | Fuses, 0.14 to 3.5 Amps, Based on Type MGA-S | 2014-07-10 |
| 4008     | 3 | Generic Specification for Fuses              | 2014-12-16 |

Specification Family :               INDUCTORS

Class of Publication Code :        12 R.F. COILS

| Number   |    | Specification Title                                                             | Date       |
|----------|----|---------------------------------------------------------------------------------|------------|
| 3201/008 | 6  | RF Inductors Fixed Miniature Moulded SMD, based on series MSCI 10K and MSCI 12K | 2014-10-06 |
| 3201/009 | 12 | Power Inductors,Moulded, SMD, based on Series SESI                              | 2015-04-09 |
| 3201/010 | 4  | Chokes, Common Mode, Fixed, Moulded, SMD, Based on Series CMC15, 18 and 22      | 2015-04-09 |
| 3201     | 4  | Generic Specification for Coils, RF and Power, Fixed                            | 2007-04-26 |

Specification Family : CAPACITORS

Class of Publication Code : 4 CAPACITORS CERAMIC

| Number   |   | Specification Title                                                                                                               | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------------------------|------------|
| 3001/027 | 1 | Capacitors Fixed Ceramic Dielectric Type II, based on type TCN83E                                                                 | 2002-10-31 |
| 3001/028 | 1 | Capacitors Fixed Ceramic Dielectric Type II for Surface Mounting, based on types CNC82RE and CNC83RE                              | 2002-10-31 |
| 3001/030 | 6 | Capacitors Fixed Ceramic Dielectric Type II High Capacitance 50 to 500V, based on case styles BR,CV and CH                        | 2014-02-28 |
| 3001/033 | 3 | Capacitors Fixed Ceramic Dielectric Type I High Voltage 1.0 to 5.0kV, based on case styles VR,CV & CH                             | 2009-05-20 |
| 3001/034 | 3 | Capacitors Fixed High Ceramic Dielectric Type II High Voltage 1.0 to 5.0kV, based on case styles VR,CV & CH                       | 2009-05-20 |
| 3001/037 | 1 | Capacitors, Fixed, Multiple Layer, Ceramic Dielectric, Type II, Based on Type CNC31, CNC32, CNC33 and CNC34                       | 2009-06-04 |
| 3001/038 | 1 | Capacitors, Fixed, Multiple Layer, Ceramic Dielectric, Type II, Based on Types CNC53, CNC54, CNC55, CNC56, CNC57, CNC58 and CNC65 | 2009-06-05 |
| 3009/041 | 1 | Capacitors, Fixed, Chips, Base Metal Electrode, Ceramic Dielectric, Type II, Based On Types 0402 To 2220                          | 2015-04-22 |
| 3001     | 1 | Generic Specification for Capacitors Fixed Ceramic Dielectric Types I and II                                                      | 2002-10-31 |

Specification Family : CAPACITORS

Class of Publication Code : 5 CAPACITORS TANTALUM SOLID

| Number   |   | Specification Title                                                   | Date       |
|----------|---|-----------------------------------------------------------------------|------------|
| 3002/003 | 2 | Capacitors Fixed Tantalum Solid Electrolyte, based on type CTS21E     | 2013-03-04 |
| 3002     | 2 | Generic Specification for Capacitors Fixed Tantalum Solid Electrolyte | 2013-11-12 |

Specification Family : CAPACITORS

Class of Publication Code : 6 CAPACITORS TANTALUM GELLED

| Number   |   | Specification Title                                                                                                        | Date       |
|----------|---|----------------------------------------------------------------------------------------------------------------------------|------------|
| 3003/005 | 2 | Capacitors Fixed Tubular Porous Tantalum Cathode and Anode Gelled Electrolyte<br>Hermetically Sealed, based on type CLR79  | 2013-03-04 |
| 3003/006 | 1 | Capacitor Fixed Tubular Porous Tantalum Cathode and Anode Gelled Electrolyte<br>Hermetically Sealed<br>Based on Type ST 79 | 2007-11-23 |
| 3003     | 2 | Generic Specification for Capacitors Fixed Tantalum Non-Solid Electrolyte                                                  | 2013-05-27 |

Specification Family : CAPACITORS

Class of Publication Code : 9 CAPACITORS FIXED PLASTIC METALLISED

| Number   |   | Specification Title                                                                                                       | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------------------|------------|
| 3006/007 | 2 | Capacitors Fixed Metallized Polycarbonate Dielectric, based on type CKM 111                                               | 2013-09-26 |
| 3006/019 | 2 | Capacitors Fixed dc Self Healing Structured Metallised Polyester (PET) Film Dielectric, based on type MKT                 | 2013-09-26 |
| 3006/020 | 2 | Capacitors Fixed DC Self-Healing Metallised Film Dielectric, Based on type PM90S                                          | 2013-09-26 |
| 3006/022 | 3 | Capacitors Fixed Reconstituted MICA High Voltage, based on type HT86PS                                                    | 2013-06-07 |
| 3006/023 | 4 | Capacitors, Fixed, Surface Mount,D.C. Self Healing, Non Inductive, Polyphenylene Sulphide Dielectric, based on Type KM94S | 2013-01-25 |
| 3006/024 | 5 | Capacitors, Fixed, Surface Mount, D.C. Self Healing, Non-Inductive, Polyterephthalate Dielectric, based on type PM94S     | 2014-12-16 |
| 3006     | 2 | Generic Specification for Capacitors Fixed Film Dielectric                                                                | 2013-09-19 |



Specification Family : CAPACITORS

Class of Publication Code : 11 CAPACITORS FILTER

| Number   |   | Specification Title                                                                                                                   | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3008/014 | 3 | Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP040          | 2013-06-07 |
| 3008/020 | 3 | Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Hermetically sealed(one end only), based on type SFC030 | 2013-06-07 |
| 3008/021 | 2 | Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFP060              | 2013-01-25 |
| 3008/025 | 3 | Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP035          | 2013-01-25 |
| 3008/026 | 2 | Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFC060               | 2013-01-25 |
| 3008/027 | 3 | Capacitor Filters C-Type FeedThrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFC100               | 2013-01-25 |
| 3008/028 | 3 | Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFP100              | 2013-06-07 |
| 3008/029 | 3 | Capacitor Filters L-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFL100               | 2013-06-07 |
| 3008/030 | 2 | Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP060          | 2013-02-07 |
| 3008/031 | 3 | Capacitor Filters C Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC035           | 2013-02-07 |
| 3008/032 | 2 | Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC040           | 2013-02-07 |
| 3008/033 | 3 | Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC060           | 2013-06-07 |
| 3008/034 | 1 | Capacitor Filters, C-Type, Electromagnetic Interference Suppression, Surface Mount, based on Type SFCMS 35                            | 2005-07-29 |
| 3008/035 | 1 | Capacitor Filters, T-Type, Electromagnetic Interference Suppression, Surface Mount, based on Type SFCMS 35                            | 2005-07-29 |

Specification Family : CAPACITORS

Class of Publication Code : 11 CAPACITORS FILTER

| Number   |   | Specification Title                                                                                         | Date       |
|----------|---|-------------------------------------------------------------------------------------------------------------|------------|
| 3008/036 | 1 | Capacitor Filters, L-Type, Electromagnetic Interference Suppression, Surface Mount, based on type SFCMS 35  | 2005-07-29 |
| 3008/037 | 1 | Capacitor Filters, PI-Type, Electromagnetic Interference Suppression, Surface Mount, based on Type SFCMS 35 | 2005-07-29 |
| 3008     | 2 | Generic Specification for Capacitors and Capacitor Filters Feedthrough.                                     | 2013-05-27 |

Specification Family : CAPACITORS

Class of Publication Code : 48 CAPACITORS CHIP

| Number   |   | Specification Title                                                                                          | Date       |
|----------|---|--------------------------------------------------------------------------------------------------------------|------------|
| 3009/003 | 5 | Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 0805                                         | 2013-11-11 |
| 3009/004 | 4 | Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1210                                         | 2010-11-01 |
| 3009/005 | 4 | Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1812                                         | 2010-11-01 |
| 3009/006 | 4 | Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 2220                                         | 2010-11-01 |
| 3009/008 | 3 | Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 0805                                        | 2010-11-01 |
| 3009/009 | 3 | Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1210                                        | 2010-11-01 |
| 3009/010 | 3 | Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1812                                        | 2010-11-01 |
| 3009/011 | 3 | Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 2220                                        | 2010-11-01 |
| 3009/022 | 4 | Capacitors Fixed Chips Ceramic Dielectric Type I, Based on type 1206                                         | 2010-11-01 |
| 3009/023 | 3 | Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1206                                        | 2010-11-01 |
| 3009/034 | 2 | Capacitors Fixed Chip High Voltage (1-3KV) Ceramic Dielectric Type II, based on types 1812 & 1825            | 2003-01-16 |
| 3009/037 | 1 | Capacitors, fixed, chips, dielectric ceramic type I, based on type 0603                                      | 2012-04-03 |
| 3009/038 | 1 | Capacitors, fixed, chips, ceramic dielectric type II, based on type 0603                                     | 2012-04-03 |
| 3009/039 | 1 | Capacitors, Fixed, Chips, Cermic Dielectric, Type II with Flexible Terminations, Based on Types 0603 to 2220 | 2013-01-25 |

Specification Family : CAPACITORS

Class of Publication Code : 48 CAPACITORS CHIP

| Number   |   | Specification Title                                                                                          | Date       |
|----------|---|--------------------------------------------------------------------------------------------------------------|------------|
| 3009/040 | 1 | Capacitors, Fixed, Chips, Ceramic Dielectric, Type I with Flexible Terminations, Based on Types 0603 to 2220 | 2013-01-25 |
| 3009     | 2 | Generic Specification for Capacitors Fixed Chips Ceramic Dielectric Types I and II                           | 2015-04-17 |

Specification Family : CAPACITORS

Class of Publication Code : 49 CAPACITORS VARIABLE

| Number   |   | Specification Title                                                                           | Date       |
|----------|---|-----------------------------------------------------------------------------------------------|------------|
| 3010/004 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 7.6 mm         | 2013-11-11 |
| 3010/005 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 9.8 mm         | 2013-11-11 |
| 3010/006 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 1.4 to 14 pF Body Diameter 7.6 mm       | 2013-11-11 |
| 3010/007 | 1 | Capacitors Variable Concentric Trimmer Air Dielectric 1.4 to 16 pF Body Diameter 7.6 mm       | 2013-11-20 |
| 3010/008 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 1 to 20 pF Body Diameter 8 mm           | 2013-11-11 |
| 3010/009 | 1 | Capacitors Variable Concentric Trimmer Air Dielectric 1 to 30 pF Body Diameter 8 mm           | 2013-11-20 |
| 3010/010 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 0.8 to 6 pF Body Diameter 6.2 mm        | 2013-11-18 |
| 3010/011 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 6.2 mm         | 2013-11-18 |
| 3010/012 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 0.6 to 3.5 pF Body Diameter 4.6 mm      | 2013-11-18 |
| 3010/013 | 2 | Capacitors Variable Concentric Trimmer Air Dielectric 0.6 to 5 pF Body Diameter 4.6 mm        | 2013-11-18 |
| 3010/014 | 2 | Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.8 to 8 pF Body Diameter 3.0 mm   | 2013-11-20 |
| 3010/015 | 2 | Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.6 to 4.5 pF Body Diameter 3.0 mm | 2013-11-18 |
| 3010/016 | 2 | Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.4 to 2.5 pF Body Diameter 3.0 mm | 2013-11-18 |
| 3010/017 | 2 | Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.2 to 1.2 pF Body Diameter 1.9 mm | 2013-11-20 |

Specification Family : CAPACITORS

Class of Publication Code : 49 CAPACITORS VARIABLE

| Number |   | Specification Title                                              | Date       |
|--------|---|------------------------------------------------------------------|------------|
| 3010   | 2 | Generic Specification for Capacitors Variable Concentric Trimmer | 2013-09-19 |

Specification Family : CAPACITORS

Class of Publication Code : 66 CAPACITORS CHIP TANTALUM SOLID ELECTROLYTE

| Number   |   | Specification Title                                                  | Date       |
|----------|---|----------------------------------------------------------------------|------------|
| 3011/001 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 1005       | 2014-01-29 |
| 3011/002 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 1505       | 2014-01-29 |
| 3011/003 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 2005       | 2014-01-29 |
| 3011/004 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 1510       | 2014-01-29 |
| 3011/005 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 2010       | 2014-01-29 |
| 3011/006 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 2213       | 2014-01-29 |
| 3011/007 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 2611       | 2014-01-29 |
| 3011/008 | 3 | Capacitors Chip Tantalum Solid Electrolyte, based on type 2815       | 2014-01-29 |
| 3011     | 2 | Generic Specification for Capacitors Chip Tantalum Solid Electrolyte | 2013-05-27 |

Specification Family : CAPACITORS

Class of Publication Code : 71 CAPA LDLESS SURF M'TED TA SOL ELECT ENCL ANODE

| Number   |   | Specification Title                                                                                                    | Date       |
|----------|---|------------------------------------------------------------------------------------------------------------------------|------------|
| 3012/001 | 5 | Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte Enclosed Anode Connection, based on type TAJ            | 2015-03-06 |
| 3012/002 | 2 | Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte, based on type CTC21                                    | 2014-01-30 |
| 3012/003 | 2 | Capacitors, Leadless Surface Mounted, Tantalum, Solid Electrolyte, based on type CTC21E                                | 2014-01-29 |
| 3012/004 | 3 | CAPACITORS, LEADLESS SURFACE MOUNTED, TANTALUM, SOLID ELECTROLYTE, LOW EQUIVALENT SERIES RESISTANCE, BASED ON TYPE TES | 2014-04-14 |
| 3012     | 2 | Generic Specification for Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte Enclosed Anode Connection     | 2011-12-08 |



Specification Family : CAPACITORS

Class of Publication Code : 79 SECTIONAL BASIC SPECIFICATIONS FOR CAPACITORS

| Number  |   | Specification Title                                              | Date       |
|---------|---|------------------------------------------------------------------|------------|
| 2023000 | 3 | Checklist for Capacitors Manufacturer and Line Survey            | 2014-02-14 |
| 2043000 | 3 | Internal Visual Inspection of Capacitors                         | 2014-02-18 |
| 2053000 | 3 | External Visual Inspection of Capacitors                         | 2014-02-28 |
| 2093000 | 2 | Radiographic Inspection of Capacitors                            | 2013-11-05 |
| 2133000 | 3 | Terms Definitions Abbreviations Symbols and Units for Capacitors | 2014-03-10 |
| 2263000 | 3 | Evaluation Test Programme for Capacitors Fixed                   | 2013-07-29 |

Specification Family : CAPACITORS

Class of Publication Code : 90 CAPACITOR MICROWAVE SILICON DICE (5711/...)

| Number   |   | Specification Title                                                                     | Date       |
|----------|---|-----------------------------------------------------------------------------------------|------------|
| 5711/002 | 2 | Capacitors, Microwave, Silicon, Naked die, MOS, based on Type 101M, 201M, 400M and 401M | 2010-10-28 |

Specification Family : WIRES AND CABLES

Class of Publication Code : 19 CABLES L.F.

| Number   |   | Specification Title                                                                                                                                                   | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3901/001 | 2 | Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C                                                                                         | 2013-03-04 |
| 3901/002 | 2 | Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C                                                                                         | 2012-05-16 |
| 3901/009 | 3 | Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPC2110                                                                  | 2013-05-22 |
| 3901/012 | 4 | Extruded Crosslinked Fluoropolymer Insulated Wires and Cables on Silver Plated Copper Conductor Low Frequency 600V -100 to +200 degree C                              | 2013-03-04 |
| 3901/013 | 3 | PTFE Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C                                                                                              | 2013-06-07 |
| 3901/017 | 3 | Power Wires for Crimping Low Frequency 600V -200 to +200 degree Celsius, based on type SPP                                                                            | 2013-03-04 |
| 3901/018 | 3 | Polyimide/Fluorthermoplast Insulated Wires and Cables Low Frequency 600V -200 to +200 degree Celsius, based on type SPM                                               | 2013-03-04 |
| 3901/019 | 3 | Polyimide Insulated Wires and Cables Low Frequency 600V -200 to +200 degree C, based on type SPL                                                                      | 2013-05-22 |
| 3901/020 | 5 | Extruded Cross-Linked Modified ETFE Insulated Wires & Cables on Silver-Plated Copper Conductors Lightweight Braided Low Frequency 600V -100 to +200 degree C          | 2013-06-07 |
| 3901/021 | 4 | Polyimide Insulated Shielded Cables With Drain Wire Low Frequency 600V -200 to +200 degree C, based on type SPLD                                                      | 2014-10-13 |
| 3901/022 | 4 | Extruded Cross-Linked Modified ETFE Insulated Wires and Cables on Silver-Plated Copper Conductor Lightweight Spiral Shielded Low Frequency 600V -100 to +200 degree C | 2013-05-22 |
| 3901/024 | 4 | Wires and Cables, Fluoropolymer Insulated, Low Frequency, 600V, -200 to + 200 degC, Based on Type CSWL                                                                | 2013-05-22 |
| 3901/025 | 1 | LIGHTWEIGHTT, EXTRA THIN, FLUORTHERMOPLASTIC / POLYIMIDE INSULATED WIRES AND CABLES, LOW FREQUENCY, 600V, -200 TO +200°C, BASED ON TYPE CSC                           | 2012-11-14 |
| 3901     | 2 | Generic Specification for Wires and Cables Electrical 600V Low Frequency                                                                                              | 2013-05-27 |

Specification Family : WIRES AND CABLES

Class of Publication Code : 20 CABLES R.F.

| Number   |   | Specification Title                                                                                             | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------|------------|
| 3902/001 | 2 | Cables Coaxial Radio-Frequency Flexible 50 ohms Miniature PTFE Dielectric Polyimide Jacket, based on type 50CIS | 2013-03-05 |
| 3902/002 | 6 | Coaxial Triaxial and Symmetric Cables Flexible -200 to +180 degreeC                                             | 2014-06-18 |
| 3902/003 | 4 | Cable,Spacewire, Round, quad using Symmetric Cables, Flexible, -200 to +180 deg.C                               | 2014-11-17 |
| 3902/004 | 1 | CABLE, LOW MASS, SPACEWIRE, ROUND, QUAD USING SYMMETRIC CABLES, FLEXIBLE, 100 TO +150°C                         | 2014-12-02 |
| 3902     | 2 | Generic Specification for Cables Coaxial Radio Frequency Flexible                                               | 2013-05-28 |

Specification Family : WIRES AND CABLES

Class of Publication Code : 82 SOLID WIRES 350V FOR WIRE WRAPPING

| Number |   | Specification Title                                                          | Date       |
|--------|---|------------------------------------------------------------------------------|------------|
| 3903   | 2 | Generic Specification for Solid Wires Electrical 350 Volts for Wire Wrapping | 2013-05-27 |

Specification Family : CONNECTORS

Class of Publication Code : 13 CONNECTORS MULTICONTACT

| Number   |    | Specification Title                                                                                                                                  | Date       |
|----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3401/001 | 8  | Connectors Electrical Rectangular Non-Removable Solder Bucket PCB and Wire-Wrap Contacts and Removable Coaxial and Power Contacts, based on type D*M | 2014-04-09 |
| 3401/002 | 9  | Connectors Electrical Rectangular Removable Crimp Contacts, based on type D*MA                                                                       | 2015-04-09 |
| 3401/004 | 4  | Contacts Coaxial Crimp-type and Solder-Type for 3401/001 and 3401/002 Connectors                                                                     | 2014-04-10 |
| 3401/005 | 7  | Contacts Electrical Crimp for 3401/002 Connectors                                                                                                    | 2013-06-07 |
| 3401/008 | 5  | Connectors Miniature Electrical Circular Push-Pull Coupling Removable Crimp Contacts, based on type DBAS                                             | 2013-06-07 |
| 3401/009 | 5  | Contacts Electrical Crimp for 3401/007 and 3401/008 Connectors                                                                                       | 2015-02-25 |
| 3401/012 | 4  | Contacts Electrical Subminiature Crimp-Type for 3401/011 Connectors                                                                                  | 2014-01-21 |
| 3401/016 | 4  | Connectors Electrical for Printed Circuit Boards Removable Contacts Crimp Wire-Wrap Solder and Saver, based on type HE801                            | 2013-06-07 |
| 3401/017 | 4  | Contacts Electrical Crimp Wire-Wrap Solder and Saver for 3401/016 Connectors                                                                         | 2013-02-07 |
| 3401/020 | 7  | Connector Savers Electrical Rectangular Miniature Removable Contacts, based on type D*BMA                                                            | 2014-04-09 |
| 3401/021 | 4  | Contacts Electrical Male/Female Type for 3401/020 Connector Savers                                                                                   | 2013-06-07 |
| 3401/022 | 10 | Accessories for Rectangular Connectors 3401/001 and 3401/002 and Connector Savers 3401/020                                                           | 2015-05-18 |
| 3401/029 | 11 | Connectors Electrical Rectangular Microminiature, based on type MDM                                                                                  | 2015-03-26 |
| 3401/031 | 5  | Connectors Electrical Single-in-Line Microminiature, based on type MTB1                                                                              | 2015-03-26 |

Specification Family : CONNECTORS

Class of Publication Code : 13 CONNECTORS MULTICONTACT

| Number   |   | Specification Title                                                                                                                                         | Date       |
|----------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3401/032 | 6 | Accessories for Connectors Microminiature 3401/029, 3401/077 and Connector Savers 3401/041                                                                  | 2015-03-26 |
| 3401/039 | 4 | Connectors Electrical for Printed Circuit Boards Non-Removable Solder and Wire-Wrap Contacts and Connector Savers, based on type KMC                        | 2013-06-07 |
| 3401/040 | 6 | Contacts Power Crimp-Type and Solder Type for 3401/001 and 3401/002 Connectors                                                                              | 2014-04-09 |
| 3401/041 | 5 | Connector Savers Electrical Rectangular Microminiature, based on type MDM                                                                                   | 2014-06-18 |
| 3401/044 | 2 | Connectors Electrical Circular Bayonet Coupling Removable Crimp Contacts, based on MIL-C-38999 SeriesII                                                     | 2013-02-13 |
| 3401/045 | 4 | Contacts Electrical Crimp Type for 3401/044 Connectors                                                                                                      | 2013-06-07 |
| 3401/052 | 3 | Connectors Electrical Circular Bayonet Coupling Scoop-Proof Removable Crimp-Type Contacts, based on MIL-C-38999 SeriesI                                     | 2013-06-07 |
| 3401/056 | 6 | Connectors Miniature Electrical Circular Triple-Start Self-Locking Coupling Scoop-Proof Removable Crimp Contacts, based on MIL-C38999 series III            | 2013-10-09 |
| 3401/057 | 4 | Connectors Miniature Electrical Circular Triple-Start Self-Locking Coupling Scoop-Proof Hermetic Receptacle and Feedthrough, based on MIL-C-38999 SeriesIII | 2014-06-18 |
| 3401/058 | 4 | Contacts Electrical Crimp for 3401/052 and /056 Connectors                                                                                                  | 2014-06-18 |
| 3401/062 | 2 | Accessories for Circular Connectors 3401/044 3401/052 and 3401/056                                                                                          | 2014-02-28 |
| 3401/063 | 3 | Connector Savers for Electrical Circular Connectors 3401/044, 3401/052, and 3401/056                                                                        | 2013-05-27 |
| 3401/064 | 2 | Accessories for Circular Connectors 3401/008 (DBAS)                                                                                                         | 2014-02-28 |
| 3401/065 | 4 | Connectors and Savers Electrical Rectangular Non-Removable PCB Contacts, based on type MHD                                                                  | 2013-06-07 |

Specification Family : CONNECTORS

Class of Publication Code : 13 CONNECTORS MULTICONTACT

| Number   |   | Specification Title                                                                                                                                    | Date       |
|----------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3401/066 | 4 | Contacts Electrical Triax Crimp for 3401/056 Connectors                                                                                                | 2014-06-18 |
| 3401/070 | 4 | Connector Receptacles Electrical Circular Triple-Start Self-Locking coupling Scoop-proof, P.C.B. Non-Removable Contacts Based on MIL-C38999 Series III | 2013-02-13 |
| 3401/071 | 3 | Connectors, Electrical, Rectangular, Microminiature, Solder Bucket Contacts, with EMI Backshell, based on Type MDM                                     | 2013-05-27 |
| 3401/072 | 6 | Lightweight accessories for rectangular connectors 3401/001 and 3401/002                                                                               | 2013-04-26 |
| 3401/073 | 2 | Connectors, Electrical, Solar Array with Removable Crimp Contacts based on Type D-PASO                                                                 | 2014-06-18 |
| 3401/074 | 3 | Contacts Electrical Crimp for No. 3401/073 Solar Array Connectors                                                                                      | 2014-06-18 |
| 3401/075 | 2 | Accessories for 3401/073 Solar Array Connectors                                                                                                        | 2014-06-18 |
| 3401/076 | 2 | Connectors, Electrical, Z-Axis Interposer, Based on Type RX                                                                                            | 2014-06-18 |
| 3401/077 | 4 | Connectors, Electrical, Rectangular, Microminiature, Removable Crimp Contacts, Based on Type MDMA                                                      | 2013-01-30 |
| 3401/078 | 6 | Contacts, Electrical, Crimp, for 3401/077 Microminiature Connectors based on Type MDMA                                                                 | 2015-02-25 |
| 3401/079 | 3 | Connector Electrical Triaxial Bayonet coupling, MIL-STD-1553B Databus with Non-Removable Crimp Contacts, based on Type ACB1 Series                     | 2014-06-18 |
| 3401/080 | 4 | Connector Savers, Electrical, Rectangular, Miniature, Non-Removable Signal Contacts and Removable Coaxial and Power Contacts, based on Type D*BM       | 2014-06-18 |
| 3401/081 | 5 | Connectors, Electrical, Rectangular, Microminiature, Non-Removable Gauge, 26 PCB Pin Contacts, based on Type 8MCG                                      | 2014-06-18 |
| 3401/082 | 4 | Connectors, electrical, Rectangular, Microminiature, Removable Gauge 26 Crimp Contacts, based on Type 8MCG                                             | 2014-06-18 |



Specification Family : CONNECTORS

Class of Publication Code : 13 CONNECTORS MULTICONTACT

| Number   |   | Specification Title                                                                                                                                        | Date       |
|----------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3401/083 | 4 | Contacts, Electrical, Gauge 26, for 3401/082 Connectors                                                                                                    | 2014-06-18 |
| 3401/084 | 2 | Accessories for Rectangular connectors, Microminiature 3401/081 and 3401/082                                                                               | 2014-06-18 |
| 3401/085 | 2 | Fast-Locking Screw Lock Assemblies For Rectangular Connectors 3401/001, 3401/002 and Connector Savers 3401/020, 3401/080                                   | 2013-03-05 |
| 3401/086 | 1 | Connectors, electrical, rectangular, nanominiature, non removable crimp contacts and uninsulated PCB contacts technical specification Based on Type NANO-D | 2013-05-22 |
| 3401     | 3 | Generic Specification for Connectors Electrical Non-Filtered Circular and Rectangular                                                                      | 2014-11-17 |

Specification Family : CONNECTORS

Class of Publication Code : 14 CONNECTORS COAXIAL

| Number   |   | Specification Title                                                   | Date       |
|----------|---|-----------------------------------------------------------------------|------------|
| 3402/001 | 3 | RF Coaxial Connectors Type SMA 50 Ohms (Male Contact)                 | 2014-01-21 |
| 3402/002 | 4 | RF Coaxial Connectors Type SMA 50 Ohms (Female Contact)               | 2014-01-21 |
| 3402/003 | 3 | RF Coaxial Connectors Type SMA 50 Ohms Adaptors and Connecting Pieces | 2014-01-21 |
| 3402/004 | 2 | RF Coaxial Connectors Type SSMA (Male Contact)                        | 2014-01-21 |
| 3402/005 | 2 | RF Coaxial Connectors Type SSMA (Female Contact)                      | 2014-01-21 |
| 3402/006 | 2 | RF Coaxial Connectors Type SSMA Adaptors and Connecting Pieces        | 2014-01-21 |
| 3402/008 | 2 | RF Coaxial Connectors Type TNC 50 Ohms (Male contact)                 | 2014-01-29 |
| 3402/009 | 2 | RF Coaxial Connectors Type TNC 50 Ohms (Female Contact)               | 2014-01-29 |
| 3402/010 | 2 | RF Coaxial Connectors Type TNC 50 Ohms Adaptors and Connecting Pieces | 2014-04-09 |
| 3402/021 | 3 | RF Coaxial Connectors, Type SMA 2.9, 50 Ohms (Male Contact)           | 2013-07-02 |
| 3402/022 | 3 | RF Coaxial Connectors, Type SMA 2.9, 50 Ohms (Female Contact)         | 2013-07-02 |
| 3402/023 | 4 | RF Coaxial Adaptors and Connecting Pieces, Type SMA 2.9, 50 Ohms      | 2013-07-02 |
| 3402/024 | 1 | RF Coaxial Connectors, Type SMP, 50Ohm (male contact)                 | 2012-04-12 |
| 3402/025 | 2 | RF Coaxial Connectors, Type SMP, 50Ohm (female contact)               | 2013-10-01 |

Specification Family : CONNECTORS

Class of Publication Code : 14 CONNECTORS COAXIAL

| Number   |   | Specification Title                                                     | Date       |
|----------|---|-------------------------------------------------------------------------|------------|
| 3402/026 | 1 | RF Coaxial Connectors, Type SMP, 50Ohm (adaptors and connecting pieces) | 2012-04-12 |
| 3402     | 2 | Generic Specification for Connectors RF Coaxial                         | 2014-07-10 |

Specification Family : CONNECTORS

Class of Publication Code : 80 CONNECTORS ELECTR. FILTERED CIRC. & RECT.

| Number   |   | Specification Title                                                                                | Date       |
|----------|---|----------------------------------------------------------------------------------------------------|------------|
| 3405/001 | 3 | Connectors Electrical Filtered Rectangular Non-Removable Solder Bucket Contacts, based on type D*J | 2013-04-26 |
| 3405     | 2 | Generic Specification for Connectors Electrical Filtered Circular & Rectangular                    | 2013-05-27 |

Specification Family : CONNECTORS

Class of Publication Code : 83 SECTIONAL BASIC SPECS FOR ELECTRICAL CONNECTORS

| Number  |   | Specification Title                                                         | Date       |
|---------|---|-----------------------------------------------------------------------------|------------|
| 2023400 | 3 | Checklist for Connectors Manufacturer and Line Survey                       | 2014-02-14 |
| 2053400 | 2 | External Visual Inspection of Electrical Connectors                         | 2014-02-28 |
| 2133400 | 3 | Terms Definitions Abbreviations Symbols and Units for Electrical Connectors | 2014-03-10 |
| 2263400 | 2 | Evaluation Test Programme for Connectors                                    | 2013-07-29 |

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 16 RELAYS NON-LATCHING

| Number   |   | Specification Title                                               | Date       |
|----------|---|-------------------------------------------------------------------|------------|
| 3601/002 | 2 | Relays Electromagnetic Non-Latching 28Vdc 1A 2PDT TO5 Can         | 2013-12-09 |
| 3601/003 | 7 | Relays Electromagnetic Non-Latching 28Vdc 2A 2PDT 1/2 Crystal Can | 2015-03-26 |
| 3601/007 | 4 | Relays Electromagnetic Non-Latching 26.5Vdc 15A 2PDT              | 2013-12-09 |
| 3601/009 | 3 | Relays Electromagnetic Non-Latching 28Vdc 25A 3PDT                | 2013-12-09 |
| 3601/012 | 4 | Relays Electromagnetic Non-Latching 1A 28Vdc 2PDT 1/6 Crystal Can | 2013-12-09 |
| 3601     | 3 | Generic Specification for Relays Electromagnetic Non-Latching     | 2013-12-09 |

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 17 RELAYS LATCHING

| Number   |   | Specification Title                                                                 | Date       |
|----------|---|-------------------------------------------------------------------------------------|------------|
| 3602/002 | 2 | Relays Electromagnetic Latching 28Vdc 1A 2PDT TO5 Can                               | 2013-12-09 |
| 3602/003 | 8 | Relays Electromagnetic Latching 28Vdc 2A 2PDT 1/2 Crystal Can                       | 2015-03-26 |
| 3602/004 | 3 | Relays Electromagnetic Latching 28Vdc 15A 4PDT                                      | 2013-12-09 |
| 3602/006 | 3 | Relays Electromagnetic Latching 28Vdc 25A 3PDT                                      | 2013-12-09 |
| 3602/009 | 5 | Relays Electromagnetic Latching 28 Vdc 15A 2PDT                                     | 2015-05-26 |
| 3602/010 | 6 | Relays Electromagnetic Latching 50 Vdc 2A 2PDT 1/2 Crystal Can, based on type GP250 | 2015-03-26 |
| 3602/014 | 3 | Relays Electromagnetic Latching 50Vdc 50A 1PDT                                      | 2013-12-09 |
| 3602/019 | 4 | Relays Electromagnetic Latching 1A 28Vdc 2PDT 1/6 Crystal Can                       | 2015-05-26 |
| 3602     | 3 | Generic Specification for Relays Electromagnetic Latching                           | 2013-12-09 |

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 59 TOGGLE SWITCHES

| Number   |   | Specification Title                                      | Date       |
|----------|---|----------------------------------------------------------|------------|
| 3701/003 | 3 | Microswitches Sensitive 1PDT, based on series T3         | 2013-05-27 |
| 2043701  | 3 | Internal Visual Inspection of Electromechanical Switches | 2014-02-28 |
| 2053701  | 3 | External Visual Inspection of Electromechanical Switches | 2014-02-28 |
| 3701     | 2 | Generic Specification for Electromechanical Switches     | 2007-12-05 |



Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 67 SWITCHES THERMOSTATIC BIMETALLIC

| Number   |   | Specification Title                                                             | Date       |
|----------|---|---------------------------------------------------------------------------------|------------|
| 3702/001 | 5 | Switches Thermostatic Bimetallic SPDT Opening Contact                           | 2014-08-21 |
| 3702     | 4 | Generic Specification for Switches Thermostatic Bimetallic Hermetically Sealed. | 2014-08-21 |

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 76 SECTIONAL BASIC SPECS FOR RELAYS

| Number  |   | Specification Title                                                          | Date       |
|---------|---|------------------------------------------------------------------------------|------------|
| 2023600 | 3 | Checklist for Relays Manufacturer and Line Survey.                           | 2014-02-14 |
| 2043600 | 2 | Internal Visual Inspection of Electromagnetic Relays                         | 2013-10-10 |
| 2053600 | 2 | External Visual Inspection of Electromagnetic Relays                         | 2014-02-28 |
| 2133600 | 3 | Terms Definitions Abbreviations Symbols and Units for Electromagnetic Relays | 2014-03-10 |
| 2263600 | 3 | Evaluation Test Programme for Electromagnetic Relays                         | 2013-07-02 |

Specification Family : CRYSTALS AND SAW DEVICES

Class of Publication Code : 15 QUARTZ CRYSTAL

| Number   |   | Specification Title                                                                                                                                             | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3501/013 | 2 | Crystal Units for Surface Mounting based on Type 101, Frequency Range 10-30MHz                                                                                  | 2014-01-24 |
| 3501/018 | 5 | Crystal Units in Metal Holder, Based on Type T807, Frequency Range 4.0 - 140MHz<br>Follow-up specification to ESA/SCC 3501/001, 3501/008, 3501/011 and 3501/012 | 2014-01-24 |
| 3501/019 | 5 | Crystal Units in Metal Holder, Based on Type T1507, Frequency Range 2.5-50MHz,<br>Follow-up to 3501/002 and 3501/009                                            | 2014-01-24 |
| 3501/020 | 2 | Crystal Units in Metal Holder, Base don Type T2111, Frequency Range 0.8-50MHz,<br>Follow-up to 3501/003                                                         | 2014-01-24 |
| 3501     | 4 | Generic Specification for Quartz Crystal Units                                                                                                                  | 2014-04-09 |

Specification Family : CRYSTALS AND SAW DEVICES

Class of Publication Code : 69 SURFACE ACOUSTIC (SAW) DEVICES

| Number   |   | Specification Title                                                            | Date       |
|----------|---|--------------------------------------------------------------------------------|------------|
| 3502/002 | 2 | SAW Filters, Hermetically Sealed, Surface Mount, Frequency Range 10MHz - 4Ghz  | 2013-11-20 |
| 2023502  | 2 | Checklist for Surface Acoustic Wave (SAW) Devices Manufacturer and Line Survey | 2014-02-14 |
| 2043502  | 3 | Internal Visual Inspection of Surface Acoustic Wave (SAW) Devices              | 2014-02-18 |
| 2053502  | 2 | External Visual Inspection of Surface Acoustic Wave (SAW) Devices              | 2014-02-28 |
| 2093502  | 2 | Radiographic Inspection of Surface Acoustic Wave (SAW) Devices                 | 2014-03-10 |
| 2263502  | 2 | Evaluation Test Programme for Surface Acoustic Wave (SAW) Devices.             | 2013-06-07 |
| 3502     | 2 | Generic Specification for Surface Acoustic Wave (SAW) Devices (Filters)        | 2011-06-17 |

Specification Family : CRYSTALS AND SAW DEVICES

Class of Publication Code : 93 SECTIONAL BASIC SPECIFICATIONS FOR QUARTZ

| Number  |   | Specification Title                                         | Date       |
|---------|---|-------------------------------------------------------------|------------|
| 2023501 | 3 | Checklist for Quartz Crystals Manufacturers and Line Survey | 2014-02-14 |
| 2043501 | 3 | Internal Visual Inspection of Quartz Crystal Units          | 2014-02-18 |
| 2053501 | 2 | External Visual Inspection of Quartz Crystal Units          | 2014-02-28 |
| 2093501 | 1 | Radiographic Inspection of Quartz Crystal Units             | 2002-10-31 |
| 2263501 | 2 | Evaluation Test Programme for Quartz Crystal Units          | 2013-09-19 |

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 58 ATTENUATORS AND LOADS

| Number   |   | Specification Title                                              | Date       |
|----------|---|------------------------------------------------------------------|------------|
| 3403/004 | 5 | Load, RF, Coaxial, Type SMA, DC-18GHz                            | 2014-08-21 |
| 3403/005 | 5 | Attenuator, RF Coaxial, Type SMA, DC-22GHz                       | 2014-09-08 |
| 3403/006 | 4 | Load RF Coaxial Type SMA, DC-22GHz                               | 2014-09-08 |
| 3403/008 | 4 | Attenuator, RF Coaxial, Type SMA 2.9, DC-31.5GHz                 | 2014-08-21 |
| 3403/009 | 4 | Load, RF, Coaxial, type SMA 2.9, DC-31.5 GHz                     | 2014-08-21 |
| 3403/010 | 3 | Load, RF, Coaxial, Type TNC, DC-18GHz                            | 2014-08-21 |
| 3403     | 5 | Generic Specification for Attenuators and Loads RF Coaxial Fixed | 2014-10-13 |

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 62 POWER DIVIDERS

| Number   |   | Specification Title                                                                             | Date       |
|----------|---|-------------------------------------------------------------------------------------------------|------------|
| 3404/001 | 2 | Power Dividers Unsealed 4-Port Quadrature 3dB SMA Connectors 01-18Ghz, based on type R433*11600 | 2013-05-27 |
| 3404     | 1 | Generic Specification for Power Dividers Couplers RF Coaxial                                    | 2002-10-31 |

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 63 POWER DIVIDER COUPLER RF WAVEGUIDE

| Number  |   | Specification Title                                          | Date       |
|---------|---|--------------------------------------------------------------|------------|
| 2023102 | 2 | Checklist for Waveguide Devices Manufacturer and Line Survey | 2014-02-14 |



Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 64 HEATERS

| Number   |   | Specification Title                                                                                                       | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------------------|------------|
| 4009/002 | 7 | Resistors Heaters Flexible Single and Double Layer, Follow-up Specification for ESA/SCC Detail Specification No. 4009/001 | 2014-01-24 |
| 4009/003 | 2 | Resistors, Heater, Flexible, Single and Double Layer, Based on Type FHK                                                   | 2014-04-14 |
| 4009/004 | 1 | RESISTORS, HEATERS, FLEXIBLE, SINGLE AND DOUBLE LAYER                                                                     | 2014-11-05 |
| 2054009  | 2 | External Visual Inspection of Flexible Heaters                                                                            | 2013-11-05 |
| 4009     | 5 | Generic Specification for Resistors Heaters Flexible                                                                      | 2010-04-01 |

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 70 FERRITE MICROWAVE COMPONENTS

| Number   |   | Specification Title                                                                    | Date       |
|----------|---|----------------------------------------------------------------------------------------|------------|
| 3202/019 | 2 | Isolators Coaxial/Drop-In 420MHz-18GHz, based on series 20*xxxx and 29*xxxx            | 2013-11-26 |
| 3202/020 | 2 | Isolators Waveguide 2.5-40 GHz, based on series **HD**                                 | 2013-11-26 |
| 3202/025 | 2 | Isolators Miniature Drop-In 4-18GHz, based on series F9*xxxx and H9*xxxx               | 2013-11-26 |
| 2263202  | 3 | Evaluation Test Programme for Ferrite Microwave Components (Isolators and Circulators) | 2013-07-29 |
| 3202     | 1 | Generic Specification for Ferrite Microwave Components Isolators and Circulators       | 2002-10-31 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 26 DISCRETE SEMICONDUCTORS TRANSISTORS AND DIODES

| Number  |   | Specification Title                                                                                                   | Date       |
|---------|---|-----------------------------------------------------------------------------------------------------------------------|------------|
| 2025000 | 1 | Ckecklist for Semiconductors Manufacturer and Line Survey                                                             | 2002-10-31 |
| 2045000 | 2 | Internal Visual Inspection of Discrete Non-Microwave Semiconductors                                                   | 2013-10-10 |
| 2055000 | 2 | External Visual Inspection of Discrete Non-Microwave Semiconductor Devices                                            | 2013-07-30 |
| 2095000 | 2 | Radiographic Inspection of Discrete Non-Microwave Semiconductors                                                      | 2014-03-10 |
| 2135000 | 2 | Terms Definitions Abbreviations Symbols ans Units for Discrete Non-Microwave Semiconductor Devices                    | 2014-03-11 |
| 2145000 | 3 | Scanning Electron Miscroscope (SEM) Inspection of Semiconductor Dice for Discrete Non-Microwave Semiconductor Devices | 2014-03-11 |
| 2265000 | 3 | Evaluation Test Programme for Discrete Non-Microwave Semiconductors                                                   | 2014-01-24 |
| 5000    | 6 | Generic Specification for Discrete Semiconductor Components                                                           | 2010-01-15 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 27 TRANSISTORS LOW POWER NPN

| Number   |   | Specification Title                                          | Date       |
|----------|---|--------------------------------------------------------------|------------|
| 5201/001 | 6 | Transistors Low Power NPN, based on type 2N2484              | 2014-06-18 |
| 5201/002 | 6 | Transistors Low Power NPN, based on type 2N2222A             | 2014-06-18 |
| 5201/003 | 3 | Transistors Low Power NPN, based on type 2N2219A             | 2009-07-23 |
| 5201/004 | 6 | Transistors Low Power NPN, based on type 2N3700              | 2014-06-18 |
| 5201/006 | 4 | Transistors Low Power NPN, based on type 2N2369A             | 2009-09-14 |
| 5201/011 | 4 | Transistors Low Power RF NPN, based on type 2N3019           | 2013-02-07 |
| 5201/013 | 3 | Transistors Low Power NPN, based on types 2N3498 thru 2N3501 | 2010-01-15 |
| 5201/014 | 3 | Transistors Low Power NPN, based on type 2N2857              | 2010-01-15 |
| 5201/019 | 6 | Transistors High Voltage NPN, based on type 2N5551           | 2013-02-07 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 28 TRANSISTORS LOW POWER PNP

| Number   |   | Specification Title                                          | Date       |
|----------|---|--------------------------------------------------------------|------------|
| 5202/001 | 8 | Transistors Low Power PNP, based on type 2N2907A             | 2014-07-10 |
| 5202/002 | 3 | Transistors Low Power PNP, based on type 2N2905A             | 2009-09-14 |
| 5202/004 | 3 | Transistors Low Power PNP, based on types 2N2894 and 2N2894A | 2012-09-14 |
| 5202/008 | 5 | Transistors Low Power PNP, based on type 2N4033              | 2011-09-27 |
| 5202/014 | 6 | Transistors Low Power PNP, based on type 2N5401              | 2013-02-07 |
| 5202/015 | 4 | Transistors Low Power PNP, based on type 2N3962              | 2014-04-09 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 29 TRANSISTORS HIGH POWER NPN

| Number   |   | Specification Title                                              | Date       |
|----------|---|------------------------------------------------------------------|------------|
| 5203/004 | 3 | Transistors High Power NPN, based on type 2N5672                 | 2009-09-29 |
| 5203/010 | 6 | Transistors High Power NPN, based on type 2N5154                 | 2014-11-17 |
| 5203/011 | 3 | Transistors High Power NPN, based on types 2N3439 and 2N3440     | 2009-09-17 |
| 5203/016 | 3 | Transistors High Power NPN, based on type BUX77                  | 2009-09-29 |
| 5203/025 | 3 | Transistors Power NPN, based on type 2N2880                      | 2009-09-14 |
| 5203/038 | 3 | Transistors High Power NPN, based on types 2N5664 through 2N5667 | 2010-01-15 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 30 TRANSISTORS HIGH POWER PNP

| Number   |   | Specification Title                              | Date       |
|----------|---|--------------------------------------------------|------------|
| 5204/002 | 6 | Transistors High Power PNP, based on type 2N5153 | 2014-11-17 |
| 5204/006 | 4 | Transistors High Power PNP, based on type BUX78  | 2014-07-18 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 31 TRANSISTORS FET N CHANNEL

| Number   |   | Specification Title                                                                                           | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------|------------|
| 5205/003 | 3 | Transistors Field-Effect N-Channel, based on types 2N4391/2N4392 and 2N4393                                   | 2010-01-15 |
| 5205/004 | 4 | Transistors Field-Effect N-Channel, based on types 2N4416 and 2N4416A                                         | 2012-02-08 |
| 5205/021 | 4 | Transistors, Power, MOSFET, N-Channel, RAD-HARD, based on Type STRH100N10FSY3                                 | 2014-04-09 |
| 5205/022 | 3 | TRANSISTORS, POWER, MOSFET, N-CHANNEL, RAD-HARD BASED ON TYPE STRH100N6                                       | 2013-10-01 |
| 5205/023 | 3 | TRANSISTORS, POWER, MOSFET, N-CHANNEL, RAD-HARD BASED ON TYPE STRH8N10                                        | 2013-10-01 |
| 5205/024 | 3 | TRANSISTORS, POWER, MOSFET, N-CHANNEL, RAD-HARD BASED ON TYPE STRH40N6                                        | 2014-04-09 |
| 5205/026 | 2 | Transistor, Power MOSFET, N-Channel, Rad-Hard based on Type BUY25CS12J-01                                     | 2014-04-09 |
| 5205/027 | 2 | Transistor, Power, MOSFET, N-Channel, Rad-Hard, based on Type BUY25CS54A-01                                   | 2014-04-09 |
| 5205/028 | 2 | Transistor, Power, MOSFET, N-Channel, Rad-Hard based on type BUY10CS12J-01                                    | 2014-04-09 |
| 5205/030 | 1 | TRANSISTORS, POWER, MOSFET, N-CHANNEL, RAD-HARD BASED ON TYPES BUY25CS12K-01, BUY25CS12K-11 AND BUY25CS45B-01 | 2014-11-05 |



Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 32 TRANSISTORS FET P CHANNEL

| Number   |   | Specification Title                                                     | Date       |
|----------|---|-------------------------------------------------------------------------|------------|
| 5205/025 | 3 | TRANSISTORS, POWER, MOSFET, P-CHANNEL, RAD-HARD BASED ON TYPE STRH40P10 | 2013-07-17 |
| 5205/029 | 1 | TRANSISTORS, POWER, MOSFET, P-CHANNEL, RAD-HARD BASED ON TYPE STRH12P10 | 2013-12-03 |
| 5206/003 | 3 | Transistors MOSFET P-Channel Power, based on types 2N6849 and 2N6851    | 2009-07-23 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 33 MULTIPLE TRANSISTORS

| Number   |   | Specification Title                                                    | Date       |
|----------|---|------------------------------------------------------------------------|------------|
| 5207/002 | 3 | Matched Dual Transistors NPN, based on types 2N2919/2N2920 and 2N2920A | 2014-07-10 |
| 5207/002 | 5 | Matched Dual Transistors NPN, based on types 2N2919/2N2920 and 2N2920A | 2014-11-19 |
| 5207/003 | 3 | Matched Dual Transistors NPN, based on type 2N3350                     | 2009-10-14 |
| 5207/005 | 4 | Transistors Matched Dual PNP, based on types 2N3810 and 2N3811         | 2014-11-17 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 34 TRANSISTORS SWITCHING

| Number   |   | Specification Title                                         | Date       |
|----------|---|-------------------------------------------------------------|------------|
| 5208/003 | 3 | Transistors Switching PNP, based on types 2N3636 and 2N3637 | 2010-01-15 |
| 5208/009 | 3 | Transistors Silicon Switching PNP, based on type 2N3467     | 2010-03-30 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 36 DIODES SWITCHING

| Number   |   | Specification Title                                                                               | Date       |
|----------|---|---------------------------------------------------------------------------------------------------|------------|
| 5101/013 | 3 | Diodes Switching, based on types 1N5807 through 1N5811                                            | 2014-07-10 |
| 5101/014 | 3 | Diodes Switching, based on types 1N5802, 1N5804, 1N5806, 1N5802US, 1N5804US, 1N5806US and 1N5806U | 2014-06-18 |
| 5101/026 | 3 | Diodes Silicon Switching, based on types 1N6638, 1N6642 and 1N6643                                | 2014-06-18 |
| 5101/027 | 3 | Diodes Silicon Switching, based on types 1N6639, 1N6640 and 1N6641                                | 2014-06-18 |
| 5101/029 | 2 | DIODE, SILICON, SWITCHING BASED ON TYPE BAY6642                                                   | 2014-04-09 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 38 DIODES RECTIFIER

| Number   |   | Specification Title                                                                        | Date       |
|----------|---|--------------------------------------------------------------------------------------------|------------|
| 5103/029 | 8 | Diodes, Silicon, Power Rectifier , High Efficiency, Fast Recovery, based on type BYW81-200 | 2014-11-21 |
| 5103/030 | 6 | Diodes, Silicon, Power Rectifier, High Efficiency, Fast Recovery, based on type BYV 52-200 | 2014-11-21 |
| 5103/031 | 7 | Diodes, Power Rectifier, High Efficiency Fast Recovery , based on Type BYV 54-200          | 2014-07-10 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 53 DIODES SHOTTKY

| Number   |   | Specification Title                                                       | Date       |
|----------|---|---------------------------------------------------------------------------|------------|
| 5106/016 | 7 | Diodes, Power Rectifier, Schottky Barrier, based on type STPS20100        | 2014-11-21 |
| 5106/017 | 5 | Diode, Silicon, Power Rectifier, Schottky Barrier, based on Type STPS1045 | 2014-07-10 |
| 5106/018 | 5 | Diode, Silicon, Power Rectifier, Schottky Barrier, based on type STPS6045 | 2014-07-18 |
| 5106/019 | 6 | Diodes Power Rectifier Schottky Barrier based on Type STPS40100           | 2014-11-21 |
| 5106/020 | 2 | Diodes, Silicon, Power Schottky Rectifier based on Type 1N5822U           | 2014-07-10 |
| 5106/021 | 2 | Diode, Silicon, Power Schottky Rectifier, based on Type 1N5819            | 2014-01-29 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 61 POWER DIVIDERS-MICROWAVE & SEMICONDUCTOR

| Number  |   | Specification Title                                                                                              | Date       |
|---------|---|------------------------------------------------------------------------------------------------------------------|------------|
| 2045010 | 2 | Internal Visual Inspection of Microwave Devices                                                                  | 2013-11-05 |
| 2145010 | 3 | Scanning Electron Microscope (SEM) Inspection of Semiconductor Dice for Discrete Microwave Semiconductor Devices | 2014-03-11 |
| 2265010 | 2 | Evaluation Test Programme for Discrete Microwave Semiconductors                                                  | 2013-07-30 |
| 5010    | 2 | Generic Specification for Discrete Microwave Semiconductor Components                                            | 2014-10-13 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 73 MICROWAVE DIODES: SMALL SIGNAL

| Number   |   | Specification Title                                                                                | Date       |
|----------|---|----------------------------------------------------------------------------------------------------|------------|
| 5512/001 | 2 | Diodes Microwave Silicon Multiplier Varactor, based on types ML4402 ML4404 thru ML4409 and ML40721 | 2013-03-14 |
| 5512/003 | 3 | Diodes Microwave Silicon Tuning Varactor, based on type ML4310 thru ML4319                         | 2013-06-14 |
| 5512/004 | 3 | Diodes Microwave Silicon Tuning Varactor, based on types ML4331 to ML4335                          | 2013-06-07 |
| 5512/005 | 2 | Diodes Microwave Silicon Tuning Varactor, based on types ML4336 to ML4343                          | 2013-03-14 |
| 5512/006 | 2 | Diodes Microwave Silicon Tuning Varactor, based on types ML4351 to ML4354                          | 2013-03-14 |
| 5512/007 | 2 | Diodes Microwave Silicon Tuning Varactor, based on types ML4355 to ML4365                          | 2013-03-14 |
| 5512/016 | 5 | Diodes Microwave Silicon Multiplier Varactor, based on types DH252,256, 267,292, 294               | 2014-11-17 |
| 5512/020 | 3 | Diodes Microwave Silicon Schottky General Purpose, based on types BAS40 and BAS70                  | 2013-05-24 |
| 5512/023 | 2 | Diodes, Microwave, Silicon, Hyper-Abrupt Junction Tuning Varactor, based on Types DH76XXX          | 2013-03-14 |



Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 74 MICROWAVE DIODES: LARGE SIGNAL

| Number   |   | Specification Title                                                                       | Date       |
|----------|---|-------------------------------------------------------------------------------------------|------------|
| 5513/007 | 3 | Diodes Microwave Silicon Pin Limiter, based on types ML4207 to ML4209                     | 2013-06-07 |
| 5513/009 | 3 | Diodes Microwave Silicon Pin Fast Switching, based on types ML4610 ML4617 ML4618 & ML4619 | 2013-06-07 |
| 5513/010 | 3 | Diodes Microwave Silicon PIN Fast Switching, based on types ML4611 ML4612 ML4614 & ML4615 | 2013-06-07 |
| 5513/014 | 3 | Diodes Microwave Silicon Pin Fast Switching, based on types ML4622 to ML4624              | 2013-06-07 |
| 5513/015 | 3 | Diodes Microwave Silicon Pin Fast Switching, based on types ML4627 to ML4629              | 2013-06-07 |
| 5513/017 | 4 | Diodes Microwave Silicon PIN, based on BXY42-MESA                                         | 2014-11-25 |
| 5513/030 | 4 | Diodes Microwave Silicon Pin Planar, based on types BXY43C and BXY44K                     | 2014-11-25 |
| 5513/031 | 4 | Diodes Microwave Silicon, PIN, Fast Switching, based on types DH50151 to DH50157          | 2010-11-24 |
| 5513/032 | 4 | Diodes, Microwave Silicon PIN Ultra-Fast Switching, based on types DH50033 to DH50037     | 2010-11-24 |
| 5513/033 | 4 | Diodes Microwave Silicon PIN Fast Switching, based on types DH50201 to DH50209            | 2010-11-24 |
| 5513/034 | 4 | Diodes Microwave Silicon PIN Fast Switching, based on types DH50251 to DH50256            | 2010-11-24 |
| 5513/035 | 2 | Diodes Microwave Silicon PIN Fast Switching, based on types DH50401 to DH50405            | 2014-04-14 |
| 5513/036 | 4 | Diodes Microwave Silicon PIN Ultra-Fast Switching, based on types DH50052 to DH50057      | 2010-11-24 |
| 5513/037 | 4 | Diodes Microwave Silicon PIN Ultra-Fast Switching, based on types DH50071 to DH50077      | 2010-11-24 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 74 MICROWAVE DIODES: LARGE SIGNAL

| Number   |   | Specification Title                                                                  | Date       |
|----------|---|--------------------------------------------------------------------------------------|------------|
| 5513/038 | 4 | Diodes Microwave Silicon PIN Ultra-Fast Switching, based on types DH50101 to DH50107 | 2010-11-24 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 77 MICROWAVE TRAN. III-V SMALL SIGNAL TRANSISTORS

| Number   |   | Specification Title                                                                                       | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------|------------|
| 5613/004 | 2 | High Electron Mobility Transistors Microwave Low Noise Small Signal Gallium Arsenide, based on type CFY67 | 2013-03-15 |
| 5613/008 | 3 | Transistors, Microwave, Field Effect, Low Noise, Gallium Arsenide, based on Types CFY25 and CFY27         | 2014-04-28 |

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 86 SILICON SMALL SIGNAL TRANS. 5611/...

| Number   |   | Specification Title                                                                                     | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------|------------|
| 5611/006 | 5 | Transistors Microwave Small Signal Silicon Bipolar, based on types BFY180 thru BFY183 BFY193 and BFY280 | 2013-03-15 |
| 5611/008 | 3 | Transistors Microwave Small Signal Silicon Bipolar, based on types BFY405 BFY420 and BFY450             | 2013-06-07 |
| 5611/009 | 2 | Transistors, Microwave, Small signal, Silicon, Bipolar, based on Type BFY 640                           | 2014-04-14 |
| 5611/010 | 2 | Transistors, Microwave, Small Signal, Silicon, Bipolar, based on Type BFY640B + BFY650B                 | 2014-04-14 |
| 5611/011 | 2 | Transistors, Microwave, Small Signal, Silicon, Bipolar, based on Type BFY740B                           | 2014-04-14 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        18 COMPLEX DEVICES (MICROPROCESSORS...)

| Number   |   | Specification Title                                                                  | Date       |
|----------|---|--------------------------------------------------------------------------------------|------------|
| 9512/002 | 4 | CMOS 32/40-Bit IEEE Floating Point Digital Signal Processor, based on Type TSC21020F | 2014-07-10 |
| 9512/003 | 3 | IC Silicon Monolithic, 32-BIT SPARC Embedded Processor, based on Type TSC695F        | 2012-05-21 |
| 9512/004 | 1 | AT697F SPARC microprocessor                                                          | 2012-07-11 |
| 9521/002 | 2 | CMOS 8-Bit Micro-Controller, based on types 80C32E and 80C52E                        | 2007-10-30 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        41 IC'S   GENERIC AND SECTIONAL   BASIC SPECS (9000)

| Number  |   | Specification Title                                                           | Date       |
|---------|---|-------------------------------------------------------------------------------|------------|
| 2029000 | 2 | Checklist for Monolithic Microcircuit Manufacturer and Line Survey            | 2014-02-14 |
| 2049000 | 3 | Internal Visual Inspection of Silicon-Based Non-Microwave Integrated Circuits | 2014-02-28 |
| 2059000 | 3 | External Visual Inspection of Integrated Circuits                             | 2014-03-10 |
| 2099000 | 2 | Radiographic Inspection of Integrated Circuits                                | 2014-03-10 |
| 2139000 | 2 | Terms Definitions Abbreviations Symbols and Units for Integrated Circuits     | 2014-03-11 |
| 2269000 | 4 | Evaluation Test Programme for Monolithic Integrated Circuits                  | 2014-02-28 |
| 2439000 | 2 | Requirements for Capability Approval of Monolithic Microcircuit Technologies  | 2014-01-24 |
| 2549000 | 2 | Requirement for the Technology Flow Qualification of Monolithic Microcircuits | 2013-11-12 |
| 9000    | 6 | Generic Specification for Integrated Circuits Monolithic                      | 2009-09-15 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                 | Date       |
|----------|---|-------------------------------------------------------------------------------------|------------|
| 9201/040 | 3 | CMOS Dual 3-Input NOR Gate plus Inverter, based on type 4000B                       | 2009-05-25 |
| 9201/041 | 4 | CMOS Quad 2-Input NOR Gates, based on type 4001B                                    | 2014-07-18 |
| 9201/042 | 4 | CMOS Dual 4-Input NOR Gates, based on type 4002B                                    | 2014-07-18 |
| 9201/043 | 4 | CMOS Quad 2-Input NAND Gate, based on type 4011B                                    | 2014-07-18 |
| 9201/044 | 4 | CMOS Dual 4-Input NAND Gate, based on type 4012B                                    | 2014-07-18 |
| 9201/045 | 4 | CMOS Triple 3-Input NAND Gates, based on type 4023B                                 | 2014-07-28 |
| 9201/046 | 4 | CMOS Triple 3-Input NOR Gate, based on type 4025B                                   | 2014-07-28 |
| 9201/047 | 4 | CMOS Quad 2-Input Exclusive OR Gates, based on type 4030B                           | 2014-07-28 |
| 9201/048 | 4 | CMOS Quad Exclusive OR Gate, based on type 4070B                                    | 2014-07-28 |
| 9201/052 | 4 | CMOS Quad 2-Input AND Gate, based on type 4081B                                     | 2014-07-28 |
| 9201/054 | 3 | CMOS Multifunction Expandable 8-Input Gate with 3-State Output, based on type 4048B | 2009-05-25 |
| 9201/055 | 4 | CMOS Quad Exclusive NOR Gate, based on type 4077B                                   | 2014-07-28 |
| 9201/061 | 4 | CMOS 8-Input NAND/AND Gate, based on type 4068B                                     | 2014-07-28 |
| 9201/062 | 4 | CMOS 8-Input NOR/OR Gate, based on type 4078B                                       | 2014-08-21 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                        | Date       |
|----------|---|--------------------------------------------------------------------------------------------|------------|
| 9201/063 | 4 | CMOS Quad 2-Input OR Gates, based on type 4071B                                            | 2014-08-21 |
| 9201/064 | 4 | CMOS Triple 3-Input AND Gate, based on type 4073B                                          | 2014-08-21 |
| 9201/065 | 4 | CMOS Triple 3-Input OR Gates, based on type 4075B                                          | 2014-08-21 |
| 9201/066 | 4 | CMOS Dual 4-Input AND Gate, based on type 4082B                                            | 2014-08-21 |
| 9201/068 | 3 | CMOS Expandable 4-Wide 2-Input AND/OR Inverter Gate, based on type 4086B                   | 2009-07-06 |
| 9201/082 | 4 | CMOS Dual 4-Input OR Gates, based on type 4072B                                            | 2014-08-21 |
| 9202/038 | 4 | CMOS Dual Complementary Pair plus Inverter having unbuffered Outputs, based on type 4007UB | 2014-10-09 |
| 9202/039 | 4 | CMOS 4-Bit Full Adder, based on type 4008B                                                 | 2014-12-16 |
| 9202/040 | 4 | CMOS Quad True/Complement Buffer with Unbuffered Outputs, based on type 4041UB             | 2014-08-21 |
| 9202/041 | 4 | CMOS Quad Clocked 'D' Latch, based on type 4042B                                           | 2014-10-09 |
| 9202/042 | 4 | CMOS Quad 3-State NOR R/S Latches, based on type 4043B                                     | 2014-10-09 |
| 9202/043 | 4 | CMOS Quad 3-State NAND R/S Latch, based on type 4044B                                      | 2014-08-21 |
| 9202/044 | 4 | CMOS Micropower Phase-Locked Loop, based on type 4046B                                     | 2014-08-21 |
| 9202/045 | 5 | CMOS Hex Buffer/Converter Inverting, based on type 4049UB                                  | 2014-08-21 |



Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                | Date       |
|----------|---|------------------------------------------------------------------------------------|------------|
| 9202/046 | 4 | CMOS Hex Buffer/Converter Non-Inverting, based on type 4050B                       | 2014-10-09 |
| 9202/047 | 5 | CMOS Analogue Multiplexer/Demultiplexer, based on type 4051B                       | 2014-10-09 |
| 9202/048 | 4 | CMOS Analogue Multiplexer/Demultiplexer, based on type 4052B                       | 2014-10-08 |
| 9202/049 | 4 | CMOS Analogue Multiplexer/Demultiplexer (Triple 2-Channel), based on type 4053B    | 2014-10-09 |
| 9202/051 | 4 | CMOS Quad AND/OR Select Gate, based on type 4019B                                  | 2014-10-08 |
| 9202/060 | 4 | CMOS Binary Rate Multiplier, With Fully Buffered Outputs, based on type 4089B      | 2014-10-08 |
| 9202/065 | 4 | CMOS 8-Bit Priority Encoder, based on type 4532B                                   | 2014-10-08 |
| 9202/068 | 3 | CMOS 4-Bit Arithmetic Logic Unit With Fully Buffered Outputs, based on type 40181B | 2009-07-02 |
| 9202/069 | 3 | CMOS Look-Ahead Carry Generator With Fully Buffered Outputs, based on type 40182B  | 2009-07-02 |
| 9203/022 | 4 | CMOS Dual J-K Master Slave Flip-Flop, based on type 4027B                          | 2014-10-06 |
| 9203/023 | 4 | CMOS Dual 'D'-Type Flip-flop, based on type 4013B                                  | 2014-10-08 |
| 9203/038 | 4 | CMOS Hex 'D'-Type Flip-Flop, based on type 40174B                                  | 2014-10-08 |
| 9204/013 | 4 | CMOS Dual BCD Up-Counter, based on type 4518B                                      | 2014-10-08 |
| 9204/020 | 5 | CMOS Decade Counter/Divider, based on type 4017B                                   | 2014-10-13 |

Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                             | Date       |
|----------|---|-------------------------------------------------------------------------------------------------|------------|
| 9204/021 | 4 | CMOS Presettable Divide-by-N Counter, based on type 4018B                                       | 2014-10-08 |
| 9204/022 | 4 | CMOS Ripple-Carry Binary Counter/Divider, based on type 4020B                                   | 2014-10-08 |
| 9204/023 | 4 | CMOS Octal Counter/Divider, based on type 4022B                                                 | 2014-10-08 |
| 9204/024 | 4 | CMOS Ripple Carry Binary Counter/Divider, based on type 4024B                                   | 2014-10-06 |
| 9204/025 | 4 | CMOS Presettable Up/Down Counter Binary OR BCD Decade, based on type 4029B                      | 2014-10-08 |
| 9204/026 | 4 | CMOS Ripple Carry Binary Counter/Divider, based on type 4040B                                   | 2014-10-08 |
| 9204/028 | 4 | CMOS Dual Binary Up Counter, based on type 4520B                                                | 2014-10-06 |
| 9204/036 | 4 | CMOS Presettable 8-Bit Synchronous Down Counters, based on type 40103B                          | 2014-10-06 |
| 9204/041 | 4 | CMOS Presettable Binary Up/Down Counter (Dual Clock with Reset), based on type 40193B           | 2014-10-06 |
| 9204/045 | 4 | CMOS Presettable Binary Up/Down Counter With Fully Buffered Outputs, based on type 4516B        | 2014-11-13 |
| 9204/052 | 5 | CMOS 14-Stage Ripple-Carry Binary Counter/Divider and Oscillator, based on type 4060B           | 2014-11-13 |
| 9204/054 | 4 | CMOS Programmable 4-Bit Binary Counter with Asynchronous Clear, based on type 40161B            | 2014-11-13 |
| 9204/067 | 3 | CMOS Programmable 4-Bit Synchronous Decade Counter with Synchronous Clear, based on type 40162B | 2009-08-20 |
| 9205/010 | 4 | CMOS BCD-to-Decimal OR Binary-to-Octal Decoder, based on type 4028B                             | 2014-11-13 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                                                         | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------------------|------------|
| 9205/011 | 4 | CMOS 4-Bit Latch/4-to-16 Line Decoder, based on type 4515B                                                                  | 2014-10-06 |
| 9206/003 | 4 | CMOS Dual Monostable Multivibrator, based on type 4098B                                                                     | 2014-10-06 |
| 9207/003 | 4 | CMOS Low Power Monostable/Astable Multivibrator, based on type 4047B                                                        | 2014-10-06 |
| 9207/007 | 4 | CMOS Dual Monostable Multivibrator with Reset, based on type 4538B                                                          | 2014-10-06 |
| 9208/002 | 4 | CMOS 9-Bit Parity Generator/Checker, based on type 40101B                                                                   | 2014-10-06 |
| 9209/001 | 4 | CMOS 4-Bit Magnitude Comparator, based on type 4063B                                                                        | 2014-10-06 |
| 9301/009 | 4 | CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40208B                                                      | 2014-10-06 |
| 9306/013 | 4 | CMOS 18 Stage Static Shift Register, based on type 4006B                                                                    | 2014-10-09 |
| 9306/014 | 4 | CMOS 8-Stage Synchronous Static Shift Register, based on type 4014B                                                         | 2014-10-09 |
| 9306/015 | 4 | CMOS Dual 4-Stage Static Shift Register with Serial Input/Parallel Input, based on type 4015B                               | 2014-10-09 |
| 9306/016 | 4 | CMOS 8-Stage Static Shift Register, based on type 4021B                                                                     | 2014-11-13 |
| 9306/022 | 4 | CMOS 4-Bit D-Type Register with 3-State Outputs, based on type 4076B                                                        | 2014-11-13 |
| 9306/025 | 4 | CMOS 8-Stage Static Bidirectional Parallel/Serial Input/Output Bus Register with 3-State Outputs, based on type 4034B       | 2014-11-13 |
| 9306/026 | 3 | CMOS 8-Stage Shift and Store Bus Register with Synchronous Serial Outputs and 3-State Parallel Outputs, based on type 4094B | 2009-02-19 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                                           | Date       |
|----------|---|-----------------------------------------------------------------------------------------------|------------|
| 9306/032 | 3 | CMOS 4-Bit Bidirectional Universal Shift Register, based on type 40194B                       | 2009-08-20 |
| 9306/034 | 3 | CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40108B                        | 2009-09-08 |
| 9306/040 | 3 | CMOS 4-Bit Bi-Directional Universal Shift Register with 3 State Outputs, based on type 40104B | 2009-09-08 |
| 9306/049 | 3 | CMOS Dual 64-Stage Static Shift Register with 3-State Outputs, based on type 4517B            | 2009-09-08 |
| 9401/010 | 4 | CMOS Hex Inverter, based on type 4069UB                                                       | 2014-11-13 |
| 9401/013 | 4 | CMOS Dual 2-Input NAND Buffer/Driver, based on type 40107B                                    | 2014-11-13 |
| 9401/030 | 4 | CMOS Hex Non-Inverting Buffers with 3-State Outputs, based on type 4503B                      | 2014-11-13 |
| 9407/003 | 4 | CMOS Quad Low to High 3-State Voltage Level Shifter, based on type 40109B                     | 2014-11-13 |
| 9408/005 | 4 | CMOS Quad Bilateral Switch, based on type 4066B                                               | 2014-11-13 |
| 9408/006 | 4 | CMOS 8-Channel Multiplexer with 3-State Outputs, based on type 4512B                          | 2014-11-21 |
| 9408/009 | 4 | CMOS Analogue Multiplexer/Demultiplexer, based on type 4067B                                  | 2014-11-21 |
| 9408/011 | 5 | CMOS Dual 1-of-4 Decoder/Demultiplexer, based on type 4555B                                   | 2014-11-21 |
| 9408/012 | 4 | CMOS 4-Bit Latch/4-to-16 Decoder, based on type 4514B                                         | 2014-11-25 |
| 9408/025 | 4 | CMOS Dual 1-of-4 Decoder/Demultiplexers (Outputs Low on Select), based on type 4556B          | 2014-11-25 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        43 IC'S SIL MON CMOS: 4000 SERIES

| Number   |   | Specification Title                                                          | Date       |
|----------|---|------------------------------------------------------------------------------|------------|
| 9409/002 | 4 | CMOS Quad 2-Input NAND-Gate with Schmitt Trigger Inputs, based on type 4093B | 2015-03-06 |
| 9409/005 | 3 | CMOS HEX Schmitt Triggers, based on type 40106B                              | 2009-09-14 |

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 47 IC'S SIL MON: OTHERS

| Number   |   | Specification Title                                                                                                                                                       | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 9202/076 | 6 | Integrated Circuits Silicon Monolithic CMOS Gate Array/Embedded Array , based on Type MH1RT                                                                               | 2014-10-06 |
| 9202/077 | 3 | Integrated Circuits, Monolithic, CMOS Silicon on Sapphire 3.5 GHz Delta-Sigma Modulated Fractional PLL Frequency Synthesizer based on Type PE33632                        | 2014-04-28 |
| 9202/078 | 2 | Integrated Circuits, Monolithic, CMOS Silicon On Sapphire, 3.5GHz Integer-N PLL Frequency Synthesiser, based on Type PE33362                                              | 2011-06-01 |
| 9202/079 | 2 | Integrated Circuits Monolithic, CMOS Silicon on Sapphire, 3.5 GHz Delta-Sigma Modulated Fractional-N Phase Locked Loop (PLL) Frequency Synthesizer, based on Type PE33632 | 2011-06-01 |
| 9202/080 | 3 | Integrated Circuits, Silicon Monolithic, CMOS, Cell-Based Array Based on Type ATC18RHA                                                                                    | 2014-10-08 |
| 9202/081 | 1 | INTEGRATED CIRCUITS, MONOLITHIC, CMOS SILICON ON-SAPPHIRE, 7-BIT RF DIGITAL STEP ATTENUATOR, 50Ohm<br>BASED ON TYPE PE43751                                               | 2014-07-07 |
| 9202/082 | 1 | INTEGRATED CIRCUITS, MONOLITHIC, CMOS SILICON ON-SAPPHIRE, 6-BIT RF DIGITAL STEP ATTENUATOR, 50Ohm<br>BASED ON TYPE PE43652                                               | 2014-07-07 |
| 9301/047 | 2 | IC Silicon Monolithic, CMOS Static 128k x 8 (131072 x 8 BIT) Asynchronous Random Access Memory with 3-State Outputs, based on Type M65508E                                | 2007-10-31 |
| 9301/048 | 1 | IC Silicon Monolithic CMOS STATIC 16K x 9-Bit Parallel First in First Out Memory with Three State Outputs, based on Type 67206H, 672061H                                  | 2007-10-18 |
| 9301/049 | 1 | IC Silicon Monolithic CMOS STATIC 4K x 9-Bit Parallel First in First Out Memory with Three State Outputs, based on Type 67204H                                            | 2007-10-18 |
| 9301/050 | 1 | IC Silicon Monolithic CMOS 8K x 16 Dual Port Static Random Access Memory with Three State Outputs, based on Type 67025E                                                   | 2007-10-18 |
| 9301/052 | 1 | Microcircuit, Memory, Digital, CMOS, 512x8-Bit, very low power silicon                                                                                                    | 2006-01-26 |
| 9301/053 | 2 | IC Silicon Monolithic CMOS 128K x 8-Bit, Asynchronous Static Random Access Memory with Three State Outputs, based on Type 65609E                                          | 2014-04-28 |
| 9304/008 | 2 | Integrated Circuits, Silicon Monolithic, CMOS Digital, Field Programmable Gate Array, 40000 Gates, based on Type AT40KEL040                                               | 2012-05-21 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        47 IC'S SIL MON: OTHERS

| Number   |   | Specification Title                                                                                                         | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------------------------------|------------|
| 9304/009 | 1 | INTEGRATED CIRCUITS, SILICON MONOLITHIC, CMOS DIGITAL, FIELD PROGRAMMABLE GATE ARRAY, 280000 GATES<br>BASED ON TYPE ATF280F | 2014-11-05 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        68 HIGH SPEED CMOS 54HC SERIES

| Number   |   | Specification Title                                                                   | Date       |
|----------|---|---------------------------------------------------------------------------------------|------------|
| 9201/105 | 5 | HCMOS Quad 2-Input NAND Gates, based on type 54HC00                                   | 2014-11-13 |
| 9201/106 | 4 | HCMOS Quad 2-Input Positive AND Gates, based on type 54HC08                           | 2014-11-13 |
| 9201/107 | 4 | HCMOS Triple 3-Input NAND Gates, based on type 54HC10                                 | 2014-11-13 |
| 9201/108 | 4 | HCMOS Dual 4-Input AND Gates, based on type 54HC21                                    | 2014-11-13 |
| 9201/109 | 4 | HCMOS Triple 3-Input NOR Gates with fully buffered Outputs, based on type 54HC27      | 2014-11-13 |
| 9201/110 | 4 | HCMOS 8-Input NAND Gates, based on type 54HC30                                        | 2014-11-13 |
| 9201/111 | 4 | HCMOS Qud 2-input OR Gates, based on type 54HC32                                      | 2014-12-16 |
| 9201/113 | 6 | HCMOS Quad 2-Input NOR Gates,based on type 54HC02                                     | 2014-12-16 |
| 9201/114 | 5 | HCMOS Quad 2-Input NAND Gates with Open Drain Output, based on type 54HC03            | 2014-12-16 |
| 9201/117 | 4 | HCMOS Triple 3-Input AND Gates, based on type 54HC11                                  | 2014-12-16 |
| 9201/118 | 4 | HCMOS Dual 4-Input NAND Gates, based on type 54HC20                                   | 2014-12-16 |
| 9201/119 | 4 | HCMOS Quad 2-Input Exclusive OR Gates, based on type 54HC86                           | 2014-12-16 |
| 9201/120 | 4 | HCMOS Quad 2-Input NAND Gates with Schmitt-Trigger Inputs, based on type 54HC132      | 2014-12-16 |
| 9201/122 | 3 | HCMOS Quad 2-Input Exclusive NOR-Gates with Open Drain Outputs, based on type 54HC266 | 2010-02-03 |



Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            68 HIGH SPEED CMOS 54HC SERIES

| Number   |   | Specification Title                                                                           | Date       |
|----------|---|-----------------------------------------------------------------------------------------------|------------|
| 9201/123 | 4 | HCMOS 8-Input OR/NOR Gate, based on types 54HC4078 and 54HC4078A                              | 2014-12-16 |
| 9201/132 | 3 | HCMOS Quad 2-Input NAND Gates, based on type 54HCT00                                          | 2010-02-03 |
| 9201/133 | 3 | HCMOS Quad 2-Input NOR Gates, based on type 54HCT02                                           | 2010-02-03 |
| 9202/072 | 4 | HCMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54HC573            | 2014-12-16 |
| 9202/075 | 4 | HCMOS 4-Bit Binary Full Adders with Fast Carry, based on type 54HC283                         | 2015-02-10 |
| 9203/050 | 4 | HCMOS Dual D-Type Flip-Flop with Preset and Clear, based on type 54HC74                       | 2015-02-10 |
| 9203/052 | 4 | HCMOS Quad D-Type Edge-Triggered Flip Flops WITH Clear, based on type 54HC175                 | 2014-12-16 |
| 9203/053 | 4 | HCMOS Octal D-Type Edge-Triggered Flip-Flops with Clear, based on type 54HC273                | 2015-02-10 |
| 9203/054 | 5 | HCMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54HC574      | 2015-02-10 |
| 9203/059 | 4 | HCMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54HC373            | 2015-02-10 |
| 9203/060 | 4 | HCMOS Octal D-Type Edge-Triggered Flip-Flops with 3 State Outputs, based on type 54HC374      | 2015-03-06 |
| 9203/061 | 3 | HCMOS Dual J-K Negative Edge Triggered Flip-Flops with Preset AND Clear, based on type 54HC76 | 2010-02-11 |
| 9203/064 | 4 | HCMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54HCT373           | 2015-03-06 |
| 9203/070 | 4 | HCMOS Dual D-Type Flip-Flop with Preset and Clear, based on type 54HCT74                      | 2015-03-06 |

Specification Family :                    **INTEGRATED CIRCUITS**

Class of Publication Code :            **68 HIGH SPEED CMOS 54HC SERIES**

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| 9203/073      | 4 | HCMOS 8-Bit Addressable Latches, based on type 54HC259                                                    | 2015-03-06  |
| 9204/059      | 4 | HCMOS Synchronous 4-Bit Binary Counter, with direct Clear based on type 54HC161                           | 2015-02-10  |
| 9204/062      | 4 | HCMOS Synchronous Presettable 4-Bit Decade Counter with Direct Clear, based on type 54HC160               | 2015-02-10  |
| 9204/065      | 4 | HCMOS Synchronous 4-Bit Up/Down Binary Counters (Dual Clock with Clear), based on type 54HC193            | 2015-02-10  |
| 9204/066      | 5 | HCMOS Synchronous 4-Bit Up/Down Binary Counter, based on type 54HC191                                     | 2015-02-10  |
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| 9204/070      | 4 | HCMOS Asynchronous Negative-Edge-Triggered 14 Bit Binary Counters,based on type 54HC4020                  | 2015-03-06  |
| 9204/071      | 4 | HCMOS 8-Bit Binary Counters with 3-State Output Registers, based on type 54HC590 and 54HC590A             | 2015-03-06  |
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| 9204/077      | 3 | HCMOS Asynchronous Negative-Edge-Triggered 7-Bit Binary Counter, based on type 54HC4024                   | 2010-02-11  |
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Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            68 HIGH SPEED CMOS 54HC SERIES

| Number   |   | Specification Title                                                                                                           | Date       |
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| 9204/079 | 3 | HCMOS 8-Bit Register Binary Counter, based on type 54HC592                                                                    | 2010-02-11 |
| 9204/080 | 3 | HCMOS 4-Bit Binary Counters with Clear, based on type 54HC4520                                                                | 2010-02-11 |
| 9205/013 | 4 | HCMOS 3 to 8 Line Decoders/Demultiplexers with Address Latches and Inverted Outputs, based on type 54HC137                    | 2015-03-06 |
| 9205/016 | 4 | HCMOS 3 Line to 8 Line Decoders/Demultiplexers, based on type 54HC238                                                         | 2010-02-11 |
| 9205/017 | 4 | HCMOS Dual 2-Line to 4-Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC139                              | 2015-03-06 |
| 9205/019 | 4 | HCMOS 4 to 16 Line Decoder/Latch, based on type 54HC4514                                                                      | 2015-03-06 |
| 9205/020 | 3 | HCMOS 4 to 10 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC42                                        | 2010-02-11 |
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| 9205/023 | 4 | HCMOS 4-to-6 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC154                                        | 2015-03-06 |
| 9207/006 | 4 | HCMOS Dual Positive or Negative Edge Schmitt-Rretriggerable Monostable Multivibrators with Clear, based on type 54HC123       | 2015-04-08 |
| 9207/008 | 3 | HCMOS Dual Positive OR Negative Edge Schmitt-Retriggerable Monostable Multivibrators with Clear Reset, based on type 54HC4538 | 2010-04-13 |
| 9208/003 | 4 | HCMOS 9-Bit Odd/Even Parity Generators/Checkers based on type 54HC280                                                         | 2015-04-08 |
| 9209/004 | 4 | HCMOS 4-Bit Magnitude Comparators, based on types 54HC85 and 54HC85A                                                          | 2015-04-08 |

Specification Family :                INTEGRATED CIRCUITS

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| Number   |   | Specification Title                                                                            | Date       |
|----------|---|------------------------------------------------------------------------------------------------|------------|
| 9209/005 | 4 | HCMOS 8-Bit Identity Comparators, based on type 54HC688                                        | 2015-04-08 |
| 9306/041 | 4 | HCMOS 8-Bit Sipo Shift Register, based on type 54HC164                                         | 2015-03-06 |
| 9306/042 | 4 | HCMOS 8-Bit Piso Shift Register, based on type 54HC165                                         | 2015-04-08 |
| 9306/043 | 4 | HCMOS 8-Bit Piso Shift Register, with fully buffered outputs, based on type 54HC166            | 2015-04-08 |
| 9306/047 | 4 | HCMOS 4-Bit PIPO Shift Register, based on type 54HC194                                         | 2015-04-08 |
| 9306/048 | 4 | HCMOS Dual J-K Positive Edge Triggered Flip-Flops with Preset and Clear, based on type 54HC109 | 2015-04-08 |
| 9306/050 | 4 | HCMOS 8 Bit Sipo Shift Latch Registers with 3-State Outputs, based on type 54HC4094            | 2015-04-08 |
| 9306/051 | 5 | HCMOS 8-Bit Shift Registers with 3 State Output Registers, based on type 54HC595               | 2015-04-08 |
| 9306/052 | 4 | HCMOS Hex D-Type Edge-Triggered Flip-Flops with Clear, based on type 54HC174                   | 2015-04-08 |
| 9306/054 | 4 | HCMOS 8-Bit Latch/Shift Register with fully buffered outputs, based on type 54HC597            | 2015-04-08 |
| 9306/055 | 4 | HCMOS 8 Channel Multiplexer Register with 3-State Latches, based on type 54HC356               | 2010-04-27 |
| 9401/033 | 3 | HCMOS Hex Inverters, based on type 54HC04                                                      | 2010-05-10 |
| 9401/034 | 4 | HCMOS Octal Bus Buffers with Inverted 3-State Outputs, based on type 54HC240                   | 2015-04-08 |
| 9401/037 | 4 | HCMOS Hex Buffers/Converters with Inverted Inputs, based on type 54HC4049                      | 2015-04-08 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        68 HIGH SPEED CMOS 54HC SERIES

| Number   |   | Specification Title                                                                                 | Date       |
|----------|---|-----------------------------------------------------------------------------------------------------|------------|
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| 9401/047 | 3 | HCMOS Octal Bus Buffers with 3-State Outputs, based on type 54HC541                                 | 2010-06-25 |
| 9401/048 | 4 | 2CMOS Octal Buffers with 3-State Outputs, based on type 54HC244                                     | 2010-06-25 |
| 9401/049 | 3 | HCMOS Octal Bus Buffers with Inverted 3-State Outputs, based on type 54HC540                        | 2010-07-16 |
| 9401/054 | 3 | HCMOS Hex Bus Buffers with Inverted 3-State Outputs, based on type 54HC368                          | 2010-07-16 |
| 9402/009 | 4 | HCMOS Octal Bus Buffers with 3-State Outputs, based on type 54HCT244                                | 2015-04-08 |
| 9405/013 | 5 | HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HC245                            | 2015-04-08 |
| 9405/014 | 4 | HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HCT245                           | 2015-04-08 |
| 9405/016 | 4 | HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HC623                            | 2010-06-25 |
| 9408/038 | 3 | HCMOS Dual 4-Line to 1-Line Data Selectors/Multiplexers, based on type 54HC153                      | 2010-07-16 |
| 9408/046 | 3 | HCMOS 3 to 8 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC138              | 2010-07-16 |
| 9408/047 | 3 | HCMOS Quad 2-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC257 | 2010-05-10 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        68 HIGH SPEED CMOS 54HC SERIES

| Number   |   | Specification Title                                                                                                 | Date       |
|----------|---|---------------------------------------------------------------------------------------------------------------------|------------|
| 9408/048 | 3 | HCMOS 8 to 1 Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC251                           | 2010-07-23 |
| 9408/052 | 3 | HCMOS Quad Bilateral Switch, based on type 54HC4066                                                                 | 2010-10-26 |
| 9408/054 | 3 | HCMOS 8-to-1-Line Data Selectors/Multiplexers with fully buffered outputs, based on type 54HC151                    | 2010-07-23 |
| 9408/057 | 3 | HCMOS Quad 2-Line to 1-Line Data Selectors/Multiplexers, based on type 54HC157                                      | 2010-07-16 |
| 9408/059 | 3 | HCMOS Quad 2 Line to 1 Line Data Selectors/Multiplexers with fully buffered Inverted Outputs, based on type 54HC158 | 2010-09-14 |
| 9408/064 | 3 | HCMOS Analogue Multiplexer/Demultiplexer, based on type 54HC4051                                                    | 2010-10-26 |
| 9408/065 | 3 | HCMOS Analogue Multiplexer/Demultiplexer (Triple 2-Channel),based on type 54HC4053                                  | 2010-10-26 |
| 9409/007 | 3 | HCMOS Hex Schmitt Trigger Inverters, based on type 54HC14                                                           | 2010-09-14 |
| 9410/016 | 3 | HCMOS 4-Word x 4 Bit Register File with 3-State Outputs, based on type 54HC670                                      | 2010-07-23 |
| 9410/017 | 3 | HCMOS 8-Line to 3-Line Priority Encoders, based on type 54HC148                                                     | 2010-09-14 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        88 MMIC GENERIC AND SECTIONAL BASIC SPEC. (9010)

| Number  |   | Specification Title                                                                                            | Date       |
|---------|---|----------------------------------------------------------------------------------------------------------------|------------|
| 2049010 | 2 | Internal Visual Inspection of Monolithic Microwave Integrated Circuits - Please refer to Specification 2045010 | 2013-07-02 |
| 2269010 | 2 | Evaluation Test Programme for Monolithic Microwave Integrated Circuits (MMICs)                                 | 2013-09-19 |
| 2439010 | 2 | Requirements for Capability Approval of Microwave Monolithic Integrated Circuits                               | 2013-11-11 |
| 9010    | 3 | Generic Specification for Microwave Monolithic Integrated Circuits                                             | 2014-10-13 |

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :            99 IC SIL MON CONVERTER A/D AND D/A (9407/...)

| Number   |   | Specification Title                                                                           | Date       |
|----------|---|-----------------------------------------------------------------------------------------------|------------|
| 9407/004 | 1 | IC Silicon Monolithic, 10-Bit, 2.2GSPS, Analogue to Digital Converter based on Type AT84AS008 | 2008-10-22 |



Specification Family :               HYBRIDS

Class of Publication Code :        10 SECTIONAL BASIC SPECIFICATIONS FOR HYBRIDS

| Number  |   | Specification Title                                                                                                                                                | Date       |
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| 2026000 | 1 | Checklist for Hybrid Microcircuit Manufacturer and Line survey                                                                                                     | 2014-06-16 |
| 2276000 | 2 | Requirements and Guidelines for the Process Identification Document PID for Manufacturing Lines of Hermetic Hybrid Microcircuits Under Process Capability Approval | 2015-05-26 |
| 2566000 | 2 | REQUIREMENTS FOR THE PROCESS CAPABILITY APPROVAL FOR MANUFACTURING LINES OF HERMETIC HYBRID MICROCIRCUITS                                                          | 2014-11-17 |

Specification Family : POLICY AND PROCEDURE DOCUMENTS

Class of Publication Code : 2 POLICY AND PROCEDURE DOCUMENTS

| Number |   | Specification Title                                                                        | Date       |
|--------|---|--------------------------------------------------------------------------------------------|------------|
| 00000  | 1 | Charter of the European Space Components Coordination                                      | 2001-02-15 |
| 00001  | 1 | ESCC Executive Implementation Agreement (Part 1) Centre National D'Etudes Spatiales (CNES) | 2005-02-27 |
| 00002  | 4 | ESCC Executive Implementation Agreement (Part 1) European Space Agency (ESA)               | 2012-02-15 |
| 00003  | 3 | ESCC Executive Implementation Agreement (Part 1) German Aerospace Center (DLR)             | 2015-02-25 |
| 00004  | 2 | ESCC Executive Implementation Agreement (Part 1) Enterprise Ireland ESCC 0004              | 2009-03-13 |
| 00005  | 1 | ESCC Executive Implementation Agreement (Part 1) British National Space Centre (BNSC)      | 2007-02-20 |
| 10000  | 2 | ESCC Organisation, Membership and Decision Process                                         | 2003-07-21 |
| 10100  | 2 | Organisation and Basic Rules of the SCSB                                                   | 2003-07-21 |
| 10200  | 2 | Organisation and Basic Rules of the Executive                                              | 2003-07-21 |
| 10300  | 2 | Organisation and Basic Rules of the Policy and Standards Working Group                     | 2003-07-21 |
| 10400  | 2 | Organisation and Basic Rules of the Components Technology Board                            | 2003-07-21 |
| 11001  | 2 | ESCC Procedure for Configuration Management                                                | 2003-07-21 |
| 11100  | 1 | Internal Audit Procedure for the ESCC System                                               | 2005-03-01 |
| 11102  | 1 | Procedure for Complaints and Appeals                                                       | 2005-02-28 |

Specification Family : POLICY AND PROCEDURE DOCUMENTS

Class of Publication Code : 2 POLICY AND PROCEDURE DOCUMENTS

| Number |   | Specification Title                                          | Date       |
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| 11300  | 1 | Management of the ESCC Web Site                              | 2004-10-08 |
| 11301  | 2 | Preparation of Newsletter                                    | 2014-01-22 |
| 11302  | 1 | Organisation of the European Space Components Conference     | 2004-10-08 |
| 12001  | 3 | The ESCC Documentation System                                | 2015-02-25 |
| 12002  | 3 | Procedure for ESCC Document and Specification Management     | 2015-02-25 |
| 12003  | 2 | Procedure for ESCC Document and Specification Administration | 2003-07-21 |
| 12100  | 2 | ESCC Procedure for Qualifications                            | 2003-07-21 |
| 12101  | 2 | ESCC Procedure for the ESA Certifications of Qualifications  | 2003-07-21 |
| 12102  | 2 | Procedure for Non-conformance Management                     | 2003-07-21 |
| 12200  | 1 | ESCIES Management Procedure                                  | 2004-10-08 |
| 12201  | 1 | ESCIES Accreditation and Registered User Procedure           | 2004-10-08 |
| 12202  | 1 | ESCIES Contribution Procedure                                | 2004-10-08 |
| 12300  | 2 | The European Preferred Parts List (EPPL) and its Management  | 2014-06-16 |

Specification Family : OPTOELECTRONICS

Class of Publication Code : 78 CHARGE COUPLED DEVICES, GENERIC + SECTIONALS

| Number  |   | Specification Title                                                          | Date       |
|---------|---|------------------------------------------------------------------------------|------------|
| 2139020 | 3 | Terms Definitions Abbreviations Symbols and Units for Charge Coupled Devices | 2013-11-05 |
| 9020    | 3 | Generic Specification for Charge Coupled Devices Silicon Photosensitive      | 2013-11-05 |

Specification Family : OPTOELECTRONICS

Class of Publication Code : 81 CCD PHOTOMOS AREA ARRAYS (9610/...)

| Number   |   | Specification Title                                                                                                                                            | Date       |
|----------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 9610/004 | 2 | Charge Coupled Devices, Silicon, Photosensitive, Advanced Inverted Mode Sensor, Back Illuminated, 740 X 514 Image Area, Frame Transfer, based on Type CCD55-20 | 2014-04-28 |
| 9610/005 | 2 | Charge Coupled Devices, Silicon, Photosensitive, Front Illuminated, 512 X 512 Image Area, Frame Transfer, based on Type CCD57-10                               | 2014-04-28 |

Specification Family : OPTOELECTRONICS

Class of Publication Code : 97 OPTO ELECTRONIC DEVICES: RECEIVERS

| Number   |   | Specification Title              | Date       |
|----------|---|----------------------------------|------------|
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