



LIST OF DISCONTINUED ESCC  
DOCUMENTS AND SPECIFICATIONS

ESCC REP002

ESCC/RP/REP002iss25  
February 2021



Document Custodian: European Space Agency - see <https://escies.org>

## LEGAL DISCLAIMER AND COPYRIGHT

European Space Agency, Copyright 2021. All rights reserved.

The European Space Agency disclaims any liability or responsibility, to any person or entity, with respect to any loss or damage caused, or alleged to be caused, directly or indirectly by the use and application of this ESCC publication.

This publication, without the prior permission of the European Space Agency and provided that it is not used for a commercial purpose, may be:

- copied in whole, in any medium, without alteration or modification.
- copied in part, in any medium, provided that the ESCC document identification, comprising the ESCC symbol, document number and document issue, is removed.

## CHANGE DESCRIPTION

This issue supersedes Issue 24, dated November 2020 and incorporates changes as per DCR1399.

## INTRODUCTION

This list comprises all discontinued ESCC documents and specifications which have been transferred from REP001 and are not subject to configuration control.

The REP002 specifications are former REP001 specifications which are covering obsolete components, technologies, test methods... no longer used or existing. These specifications are no longer updated and distributed. They do not represent the current ESCC policy and therefore cannot be used for procurement or manufacturing of parts.

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:

ESCC Executive Secretariat  
ESA/ESTEC (TEC-QES)  
P.O. Box 299  
2200 AG Noordwijk  
The Netherlands

Specification Family : BASIC SPECIFICATIONS

Class of Publication Code : 3 BASIC SPECIFICATIONS

Number		Specification Title	Date
23000	1	Requirements for the Extension of Qualification Approval of Standard Electronic Components for Space Application	2010-02-01

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 21 RESISTORS FILM AND METAL OXIDE

Number		Specification Title	Date
4001/001	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC55	2002-10-31
4001/002	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC60	2002-10-31
4001/003	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC65	2002-10-31
4001/005	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR05	2002-10-31
4001/006	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR07	2002-10-31
4001/007	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR20	2002-10-31
4001/009	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC50	2002-10-31
4001/010	1	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC70	2002-10-31
4001/016	1	Resistors Fixed Chips Film, based on types CHP HR0505	2002-10-31
4001/017	1	Resistors Fixed Chips Film, Based on types CHP HR0705	2002-10-31
4001/018	1	Resistors Fixed Chips Film, based on types CHP HR0805	2002-10-31
4001/019	1	Resistors Fixed Chips Film, based on types CHP HR1010	2002-10-31
4001/020	1	Resistors Fixed Chips Film, based on type CHP HR1206	2002-10-31
4001/021	1	Resistors Fixed Surface Mount Film Non-Hermetically sealed, based on types SMC3	2002-10-31

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 21 RESISTORS FILM AND METAL OXIDE

Number		Specification Title	Date
4001/024	1	Resistors, Fixed, Thick Film,Radial Leads and Surface Mount, Non-Hermetically Sealed, based on type RTO HR 50	2002-10-31
4001/030	4	RESISTORS, FIXED, CHIP, THIN FILM, BASED ON TYPE LHR	2017-04-07

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 22 RESISTORS WIRE-WOUND PRECISION

Number		Specification Title	Date
4002/001	1	Resistors Fixed Wirewound Accurate, based on type RBR56	2012-02-02
4002/003	1	Resistors Fixed Wirewound, based on type RWR80	2012-02-02
4002/004	1	Resistors Fixed Wirewound, based on type RWR89	2012-02-02
4002/005	1	Resistors Fixed Wirewound, based on type RWR81	2012-02-02
4002/006	1	Resistors Fixed Wirewound Accurate, based on type RBR54	2012-02-02
4002/007	1	Resistors Fixed Wirewound Accurate, based on type RBR55	2012-02-02
4002/009	1	Resistors Fixed SMD Wirewound, based on Type MSP BHR	2012-02-02
4002	1	Generic Specification for Resistors Fixed Wirewound	2012-02-02



Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 23 RESISTORS WIRE-WOUND CHASSIS-MOUNTED

Number		Specification Title	Date
4003/001	1	Resistors Fixed Wirewound Power-Type Chassis-Mounted 5W Semi-Precision, based on type RER60	2012-02-02
4003/002	1	Resistors Fixed Wirewound Power-Type Chassis-Mounted 10W Semi-Precision, based on type RER65	2012-02-02
4003/004	1	Resistors Fixed Wirewound Power-Type Chassis-Mounted 5W Semi-Precision, based on type RER40	2012-02-02
4003/008	1	Resistors Fixed Wirewound Power-Type Chassis-Mounted 30W Semi-Precision, based on type RER75	2012-02-02
4003	1	Generic Specification for Resistors Fixed Wirewound (Power-Type Chassis-Mounted)	2012-02-02

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 25 RESISTORS NETWORK THICK FILM

Number		Specification Title	Date
4005/002	1	Resistor Networks Thick Film, based on type ENG2096	2012-02-02
4005/003	1	Resistor Networks Thick Film, based on S.I.L Packages	2012-02-02
4005	1	Generic Specification for Resistors Network Thick Film	2012-02-02

Specification Family : RESISTORS AND THERMISTORS

Class of Publication Code : 57 THERMISTORS

Number		Specification Title	Date
4006/001	1	Thermistors (Resistors Thermally Sensitive) Range 2000 to 15000 Ohms at +25 degree C with a Temperature Range of -40 to +160 degree C	2011-11-17
4006/012	1	Thermistors(thermally sensitive resistors) NTC Chip Style, based on series 196-xxxxAG-001	2012-02-02

Specification Family :               INDUCTORS

Class of Publication Code :        12 R.F. COILS

Number		Specification Title	Date
3201/006	1	R.F. Coil Fixed, based on type S150	2002-10-31

Specification Family : CAPACITORS

Class of Publication Code : 4 CAPACITORS CERAMIC

Number		Specification Title	Date
3001/001	1	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC904L	2012-02-02
3001/002	1	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC905L	2012-02-02
3001/003	1	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC908L	2012-02-02
3001/004	1	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC910L	2012-02-02
3001/006	1	Capacitors Fixed Ceramic Dielectric Type II, based on type CKR06	2012-02-02
3001/008	1	Capacitors Fixed Ceramic Dielectric Type II, based on type CKR05	2012-02-02
3001/018	1	Capacitors Fixed Ceramic Dielectric Type I, based on type CCR05	2012-02-02
3001/019	1	Capacitors Fixed Ceramic Dielectric Type I , based on type CCR06	2012-02-02
3001/032	1	Capacitors Fixed Multiple Layer Ceramic Dielectric Type I, based on type SPT818	2012-02-02
3001/035	1	Capacitors, Fixed, Ceramic Dielectric, Type I, High Voltage 1.0 to 5.0 kV, Radial Leaded Device	2012-02-02
3001/036	1	Capacitors, Fixed, Ceramic Dielectric Type II, High Voltage 1.0 to 5.0 KV, Radial Leaded Device	2012-02-02

Specification Family : CAPACITORS

Class of Publication Code : 5 CAPACITORS TANTALUM SOLID

Number		Specification Title	Date
3002/001	1	Capacitors Fixed Tantalum Solid Electrolyte, based on type CSR23	2012-02-02
3002/002	1	Capacitors Fixed Tantalum Solid Electrolyte, based on type CSR13	2012-02-02
3002/003	2	Capacitors Fixed Tantalum Solid Electrolyte, based on type CTS21E	2017-09-25
3002	2	Generic Specification for Capacitors Fixed Tantalum Solid Electrolyte	2017-09-25

Specification Family : CAPACITORS

Class of Publication Code : 7 CAPACITORS GLASS

Number		Specification Title	Date
3004/001	1	Capacitors Fixed Glass Dielectric, based on type CYR10	2012-02-02
3004/002	1	Capacitors Fixed Glass Dielectric, based on type CYR15	2012-02-02
3004/003	1	Capacitors Fixed Glass Dielectric, based on types CYR51 CYR52 and CYR53	2012-02-02
3004	1	Generic Specification for Capacitors Fixed Glass Dielectric	2012-02-02

Specification Family : CAPACITORS

Class of Publication Code : 9 CAPACITORS FIXED PLASTIC METALLISED

Number		Specification Title	Date
3006/001	1	Capacitors Fixed Metallized Plastic Film Dielectric, based on types CRH01 thru CHR05	2012-02-02
3006/008	1	Capacitors Fixed Metallized Plastic Film Dielectric High Voltage, based on type IEXXX	2012-02-02



Specification Family : CAPACITORS

Class of Publication Code : 10 CAPACITORS MICA

Number		Specification Title	Date
3007/001	1	Capacitors Fixed Mica Dielectric, based on type CMR01	2012-02-02
3007/002	1	Capacitors Fixed Mica Dielectric, based on type CMR02	2012-02-02
3007/003	1	Capacitors Fixed Mica Dielectric, based on type CMR03	2012-02-02
3007/004	1	Capacitors Fixed Mica Dielectric, based on type CMR04	2012-02-02
3007	1	Generic Specification for Capacitors Fixed Mica Dielectric	2012-02-02

Specification Family : CAPACITORS

Class of Publication Code : 11 CAPACITORS FILTER

Number		Specification Title	Date
3008/001	1	Capacitor Filters Feedthrough Electromagnetic Interference Suppression, based on type 1270/712	2012-02-02

Specification Family : CAPACITORS

Class of Publication Code : 48 CAPACITORS CHIP

Number		Specification Title	Date
3009/007	1	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1805	2012-02-02
3009/012	1	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1805	2012-02-02
3009/013	1	Capacitors Fixed Button Ceramic Dielectric Type I, based on type CFC908	2012-02-02
3009/016	1	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency Type I, based on types CDR11 and CDR12	2012-02-02
3009/017	1	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency Type I, based on types CDR13 CDR14 and CDR21	2012-02-02
3009/035	1	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency, based on Type CHA	2015-05-22
3009/036	1	Capacitors Fixed chips Multiple Layer Ceramic Dielectric High Frequency, based on Type CHB	2015-05-22

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	2015-12-08
3011/002	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 1505	2015-12-08
3011/003	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 2005	2015-12-08
3011/004	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 1510	2015-12-08
3011/005	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 2010	2015-12-08
3011/006	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 2213	2015-12-08
3011/007	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 2611	2015-12-08
3011/008	3	Capacitors Chip Tantalum Solid Electrolyte, based on type 2815	2015-12-08
3011	2	Generic Specification for Capacitors Chip Tantalum Solid Electrolyte	2015-12-08

Specification Family : CAPACITORS

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

Number		Specification Title	Date
3012/005	2	Capacitors, Leadless Surface Mounted, Organic Polymer Tantalum, Solid Electrolyte, Enclosed Anode Connection, Based On Type T583	2020-04-20
3012/007	1	Capacitors, Leadless Surface Mounted, Organic Polymer Tantalum, Solid Electrolyte, Enclosed Anode Connection Based on type T584	2020-04-20

Specification Family : CAPACITORS

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

Number		Specification Title	Date
5711/001	1	Capacitors Microwave Silicon Dice Mos, based on Types 101MC,201MC, 250MC, 400MC, 401Mc and 501MC	2002-10-31

Specification Family : WIRES AND CABLES

Class of Publication Code : 19 CABLES L.F.

Number		Specification Title	Date
3901/005	1	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +150 degree C	2012-02-02
3901/006	1	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +150 degree C	2012-02-02
3901/007	2	Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPA2110	2012-02-02
3901/008	2	Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPB2110	2012-02-02
3901/011	1	Extruded Crosslinked Fluoropolymer Insulated Wires and Cables on Tin Plated Copper Conductor Low Frequency 600V -100 to +150 degree C	2012-02-02
3901/014	1	Polyimide Insulated Shielded Cables with Drain Wires Low Frequency 600V -150deg.C +200deg.C, based on type SPA2110	2012-02-02

Specification Family : WIRES AND CABLES

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

Number		Specification Title	Date
3903/001	1	Kynar Insulated Solid Wires for Wire Wrapping 350V -60 to +100 degree Celsius, based on type FA3903-WY	2014-02-27
3903/002	1	PFA Insulated Solid Wires for Wire Wrapping 350V -100 to +200 degree Celsius, based on type FA3903WP	2014-02-27
3903	2	Generic Specification for Solid Wires Electrical 350 Volts for Wire Wrapping	2015-12-08



Specification Family : CONNECTORS

Class of Publication Code : 13 CONNECTORS MULTICONTACT

Number		Specification Title	Date
3401/007	1	Connectors Miniature Electrical Circular Bayonet Coupling Crimp-Type Removable Contacts, based on type DFE	2012-02-02
3401/011	1	Connectors Subminiature Electrical Rectangular Central Jackscrew Coupling Crimp-Type Removable Contacts, based on type UR	2012-11-14
3401/023	1	Connectors Miniature Electrical Circular Push-pull Coupling Hermetic Receptacle, based on type DBA 7*H	2012-02-02
3401/033	1	Connectors Savers Electrical Circular Miniature non-removable, based on type DBAS	2014-02-27
3401/043	1	Connectors Miniature Electrical Circular Bayonet Coupling Hermetic Receptacle, based on type DBC5*H	2012-02-02
3401/060	1	Connectors Electrical Rectangular Multiple Insert Type Rack and Panel Removable Crimp Contacts, based on MIL-C83527	2012-02-02
3401/061	1	Contacts Electrical Crimp for 3401/060 Connectors	2012-02-02
3401/069	1	Contacts Electrical Twinax Crimp for 3401/001 Connectors	2014-02-27
3401/071	3	Connectors, Electrical, Rectangular, Microminiature, Solder Bucket Contacts, with EMI Backshell, based on Type MDM	2018-04-26

Specification Family : CONNECTORS

Class of Publication Code : 14 CONNECTORS COAXIAL

Number		Specification Title	Date
3402/011	1	RF Coaxial Connectors Blind-mate Slide-on, based on type SBMA (male contact)	2014-02-27
3402/012	1	RF Coaxial Connectors Blind-Mate Slide-On, based on type SBMA(female contact)	2014-02-27
3402/013	1	RF Coaxial Connectors Blind Mate Slide-On, based on type BMA (male contact)	2012-02-02
3402/014	1	RF Coaxial Connectors Blind Mate Slide-on, based on type BMA (Female contact)	2012-02-02

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 16 RELAYS NON-LATCHING

Number		Specification Title	Date
3601/004	2	Relays Electromagnetic Non-Latching 28Vdc 10A 2PDT, based on type GP7	2012-11-14

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 17 RELAYS LATCHING

Number		Specification Title	Date
3602/005	3	Relays Electromagnetic Latching 10A 50 Vdc, based on type GP3A	2012-11-14

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 59 TOGGLE SWITCHES

Number		Specification Title	Date
3701/001	1	Toggle Switches, based on series 12100 and 11100	2002-10-31
3701/003	3	Microswitches Sensitive 1PDT, based on series T3	2015-12-08
2043701	3	Internal Visual Inspection of Electromechanical Switches	2015-12-08
2053701	3	External Visual Inspection of Electromechanical Switches	2015-12-08
3701	3	Generic Specification for Electromechanical Switches	2015-12-08

Specification Family : RELAYS AND SWITCHES

Class of Publication Code : 92 RELAYS ELECTROMAGNETIC RF COAXIAL SWITCH

Number		Specification Title	Date
3603/002	1	Relays Electromagnetic RF Coaxial Switch Latching Single Pole Double Throw SMA Connectors (BBM) with Indicator Circuit	2013-04-23
3603/006	1	Relays Electromagnetic, RF Coaxial Switch, Latching, 3/3/5 Matrix, SMA Connectors (BBM) with Indicator Circuit	2012-02-02
3603	1	Generic Specification for Relays Electromagnetic RF Coaxial Switch Latching	2013-04-23

Specification Family : CRYSTALS AND SAW DEVICES

Class of Publication Code : 15 QUARTZ CRYSTAL

Number		Specification Title	Date
3501/001	4	Crystal Units in Metal Holder, based on type T807, Frequency range:4.0-140MHz.	2014-02-27
3501/002	5	Crystal Units In Metal Holder, based on type T1507, Frequency Range:2.5-20 MHz.	2014-02-27
3501/003	1	Crystal Units in Metal Holder, based on type T2111, Frequency Range: 0.8-50MHz.	2014-02-27
3501/006	1	Crystal Units in Glass Case Frequency Range 2.5 to 300MHz, based on type DA (HC-27/U)	2012-11-14
3501/008	5	Crystal Units in Metal Holder, based on type T807, frequency range 4.0-140MHz.(Follow-up specification to ESA/SCC No.3501/001)	2014-02-27
3501/009	6	Crystal Units in Metal Holder, based on type T1507, Frequency Range 2.5-20MHz (follow-up specification to ESA/SCC 3501/002)	2014-02-27
3501/011	4	Crystal Units in Metal Holder Frequency Range 4.0-140MHz, based on type 807 (Follow-up Specification to ESA/SCC 3501/001 and 3501/008)	2014-02-27
3501/012	4	Crystal Units in Metal Holder Frequency Range 4.0-140MHz, based on type 807 (Follow-up Specification to ESA/SCC 3501/001, 3501/008 and 3501/011)	2014-02-27
3501/013	2	Crystal Units for Surface Mounting based on Type 101, Frequency Range 10-30MHz	2019-10-11
3501/014	1	Crystal Units based on Type 76 Frequency Range 1.5-30MHz	2012-02-02
3501/015	1	Crystal Units based on Type 47, Frequency Range 5-160MHz	2012-02-02
3501/016	1	Crystal Units in Metal Holder, based on Type T807, 50G, Frequency Range 4.0 to 140MHZ	2012-02-02
3501/017	1	Crystal Units in Metal Holder, based on Type T1507, 50G, Frequency Range 2.5 - 20MHZ	2012-02-02
3501/021	1	Crystal Units in Glass Case, Based on Type DA (HC-27/U), Frequency Range 2.5-300MHz Follow-up to 3501/006	2012-11-14

Specification Family :                CRYSTALS AND SAW DEVICES

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

Number		Specification Title	Date
3502/001	1	Surface Acoustic Wave (SAW) Bandpass Filter Operating in the Frequency Range 10-200 MHz	2011-11-17



Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 58 ATTENUATORS AND LOADS

Number		Specification Title	Date
3403/007	1	Flange Loads High Power 50 Ohms, based on type EMC8745	2002-10-01

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 62 POWER DIVIDERS

Number		Specification Title	Date
3404/004	1	RF Power Dividers Unsealed 4-Port Quadrature SMA Connectors 3DB 1-18GHz	2013-01-08
3404/005	1	RF Couplers Unsealed SMA Connectors 4-30dB 1-22 GHz	2013-01-08

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 63 POWER DIVIDER COUPLER RF WAVEGUIDE

Number		Specification Title	Date
3102/001	1	Waveguide Diplexers with Waveguide and Coaxial Interfaces 4-18Ghz, based on series WM***	2012-02-02
2023102	2	Checklist for Waveguide Devices Manufacturer and Line Survey	2017-11-28
2053102	1	External Visual Inspection of Waveguide Devices	2014-02-27
3102	1	Generic Specification for Waveguide Filters and Multiplexers with Waveguide and Coaxial Interfaces	2012-02-02

Specification Family : MISCELLANEOUS PASSIVE

Class of Publication Code : 70 FERRITE MICROWAVE COMPONENTS

Number		Specification Title	Date
3202/018	1	Circulators Coaxial/Drop-In 420MHz-18GHz, based on series 10*xxxx and 19*xxxx	2014-02-27
3202/019	2	Isolators Coaxial/Drop-In 420MHz-18GHz, based on series 20*xxxx and 29*xxxx	2017-09-25
3202/020	2	Isolators Waveguide 2.5-40 GHz, based on series **HD***	2017-09-25
3202/021	1	Circulators Waveguide 2.5-40 GHz, based on series **CD****	2014-02-27
3202/025	2	Isolators Miniature Drop-In 4-18GHz, based on series F9*xxxx and H9*xxxx	2017-09-25

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 27 TRANSISTORS LOW POWER NPN

Number		Specification Title	Date
5201/010	1	Transistors Low Power NPN, based on type 2N3866	2014-02-27
5201/015	1	Transistors Low Power NPN, based on type BSX39	2014-02-27

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 29 TRANSISTORS HIGH POWER NPN

Number		Specification Title	Date
5203/013	1	Transistors High Power NPN, based on type 2N5004	2012-02-02
5203/014	1	Transistors High Power NPN Isolated Collector, based on type 2N3749	2012-02-02
5203/021	1	Transistors High Power NPN, based on type 2N6032	2012-02-02
5203/022	1	Transistors NPN Power Switching, based on type 2N5074	2012-02-02
5203/026	1	Transistors High Power NPN, based on type 2N6033	2012-02-02
5203/027	1	Transistors High Power NPN, based on type 2N3767	2012-02-02
5203/029	1	Transistors High Power NPN, based on type 2N6275	2012-02-02
5203/030	1	Transistors High Power NPN, based on type BUR14	2012-02-02
5203/031	1	Transistors High Power NPN, based on type 2N2814	2012-02-02
5203/032	1	Transistors High Power NPN, based on type 2N5539	2012-02-02
5203/033	1	Transistors High Power NPN, based on type 2N3999	2012-02-02
5203/035	1	Transistors Switching Power NPN, based on type 2N5542	2012-02-02
5203/036	1	Transistors High Power NPN, based on type SDT79823	2012-02-02
5203/037	1	Transistors High Power NPN, based on type 2N5660 through 2N5663	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 30 TRANSISTORS HIGH POWER PNP

Number		Specification Title	Date
5204/005	1	Transistors High Power PNP, based on type 2N5005	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 31 TRANSISTORS FET N CHANNEL

Number		Specification Title	Date
5205/007	1	Transistors Field-Effect N-Channel, based on types 2N4091/2N4092 and 2N4093	2012-02-02
5205/013	1	Transistors Power Field-Effect N-Channel, based on types 2N6764/2N6766 and 2N6768	2012-02-02
5205/014	1	Transistors MOS FET N-Channel Power, based on type 2N6782	2012-02-02
5205/019	1	Transistors MOSFET N-Channel Power, based on types 2N6796/6798/6800/6802	2012-02-02
5205/020	1	Transistors MOSFET Power N-Channel, based on types IRFY044, 120, 130, 140, 240, 340, 430, 440	2012-02-02



Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 32 TRANSISTORS FET P CHANNEL

Number		Specification Title	Date
5206/004	1	Transistors MOSFET P-Channel Power, based on types 2N6804 and 2N6806	2012-02-02
5206/005	1	Transistors MOSFET Power P-Channel, based on types IRFY9120, 9130, 9140, 9240	2012-02-02
5206/006	1	Transistors MOSFET P-Channel Power, based on type IRF9140	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 33 MULTIPLE TRANSISTORS

Number		Specification Title	Date
5207/006	1	Transistors Quadruple PNP Silicon Transistor Array, based on type MQ3467	2012-02-02
5207/008	1	Transistors Matched Dual NPN, based on types MD2369A and MD2369AF	2012-02-02
5207/012	1	Transistors Dual NPN, based on type MD2219AF	2012-02-02
5207/013	1	Transistors Dual PNP, based on types MD2905AF and MD2905A	2012-02-02
5207/019	1	Transistors Quadruple PNP Silicon Array, based on type S501T	2012-02-02
5207/020	1	Transistors Quadruple NPN Silicon Array, based on type S502T	2012-11-14

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 34 TRANSISTORS SWITCHING

Number		Specification Title	Date
5208/005	1	Transistors NPN Power Transistor, based on type 2N5926	2012-02-02
5208/006	1	Transistors Power NPN, based on type 2N3599	2012-02-02
5208/007	1	Transistors Power NPN, based on type 2N6307	2012-02-02
5208/008	1	Transistors Power Switching NPN, based on type 2N4150	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 36 DIODES SWITCHING

Number		Specification Title	Date
5101/005	1	Fast Recovery Avalanche Rectifiers 400mW, based on types BYX57500 and BYX57600	2012-02-02
5101/006	1	Diodes Switching, based on type 1N3595	2012-02-02
5101/007	1	Diodes Switching, based on type 1N3600	2012-02-02
5101/011	1	Diodes Switching, based on types 1N5812 through 1N5816	2012-02-02
5101/012	1	Diodes Switching Rectifier Low Power High Voltage, based on type F60A	2012-02-02
5101/015	1	Diodes Silicon Fast Recovery Rectifier, based on type BYW56	2012-02-02
5101/016	1	Diodes Switching, based on type 1N4153	2012-02-02
5101/018	1	Diodes Switching Fast Recovery, based on type UTR6420	2012-02-02
5101/023	1	Diodes Fast Switching, based on type 1N4148-1	2012-02-02
5101/024	1	Diodes Switching, based on type 1N4150-1	2012-02-02
5101/025	1	Diodes Switching, based on type 1N4151-1	2012-02-02
5101/028	1	Diodes Switching, based on types 1N3595-1 and 1N3595US	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 37 DIODES VOLTAGE REFERENCE

Number		Specification Title	Date
5102/002	2	Diodes Voltage Regulators, based on series BZX85C	2012-11-14
5102/004	1	Diodes Voltage Reference 6.4V in DO-35 Case, based on types 1N4565A thru 1N4584A	2012-02-02
5102/007	1	Diodes Low Noise Voltage Regulator, based on types 1N4099-1 thru 1N4135-1	2012-02-02
5102/008	1	Diodes Voltage Reference 6.2V in DO35 Case, based on types 1N821A thru 1N829A	2012-02-02
5102/010	1	Diodes Voltage Regulator, based on BZX55 series	2012-02-02
5102/013	1	Diodes Voltage Reference, based on types 1N4954 thru 1N4995	2012-02-02
5102/014	1	Diodes Voltage Reference, based on type 1N4372A	2012-02-02
5102/015	1	Diodes Voltage Regulator, based on types 1N3821A through 1N3828A and 1N3015B through 1N3051B	2012-02-02
5102/019	1	Diodes Low Noise Voltage Regulator, based on types 1N4614 through 1N4627 and 1N4614-1 through 1N4627-1	2012-02-02
5102/020	1	Diodes Voltage Regulator Silicon, based on types 1N6485 to 1N6491 and 1N4460 to 1N4465	2012-02-02
5102/021	1	Diodes Low Noise Voltage Regulator, based on types 1N6309 to 1N6355	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 38 DIODES RECTIFIER

Number		Specification Title	Date
5103/001	1	Diodes Silicon Rectifier 400mW, based on types 1N645-649	2012-02-02
5103/003	1	Diodes Silicon Power Rectifier, based on types 1N4383-4386	2012-02-02
5103/004	1	Diodes Switching, based on type UTX4120	2012-02-02
5103/005	1	Diodes Switching, based on type UTX225	2012-02-02
5103/007	1	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5415 through 5420	2012-02-02
5103/008	1	Diodes Rectifier, based on types 1N4942/4944/4946/4947/4948	2012-02-02
5103/010	1	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N3890/3891/3893	2012-02-02
5103/013	1	Diodes Silicon Fast Recovery Rectifier Low Forward Voltage Drop, based on series BYW77	2012-02-02
5103/017	1	Diodes Rectifier Fast Recovery, based on types UES801/802/803 and UES801R/802R/803R	2012-02-02
5103/018	1	Diodes Silicon Fast Recovery (Low Forward Voltage Drop), based on series BYW78	2012-02-02
5103/021	1	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5615/17/19/21/23	2012-02-02
5103/024	1	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5614/16/18/20/22	2012-02-02
5103/025	1	Diodes Silicon Power Rectifier Fast Recovery, based on types BYV27/50, BYV27/100 and BYV27/150	2012-02-02
5103/026	1	Diodes Silicon Power Rectifier Fast Recovery, based on types BYV61, 62 and 63	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 38 DIODES RECTIFIER

Number		Specification Title	Date
5103/027	1	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5550/51/52/53/54	2012-02-02
5103/028	1	Diode Rectifier Schottky, based on types 1N5817 to 1N5819	2011-11-17

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 53 DIODES SHOTTKY

Number		Specification Title	Date
5106/002	1	Diodes Switching Schottky Barrier, based on type 1N5712	2014-02-27
5106/010	1	Diodes Switching, based on type 1N5711	2012-11-14
5106/014	1	Diode Microwave Schottky Mixer Silicon, based on types BAT14 and BAT15	2012-11-14
5106/015	1	Diodes Power Schottky Barrier, based on type 1N6391	2012-11-14



Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 54 DIODES MISCELLANEOUS

Number		Specification Title	Date
5107/001	1	Diodes Reference/Transient Suppressor, based on types 1N5555 through 1N555,1N5629A through 1N5665A and 1N5907	2012-11-14
5107/016	1	Diodes Voltage Variable Capacitor, based on types 1N5139A through 1N5148A	2012-11-14
5107/022	1	Diodes Silicon Field Effect Current Regulator, based on types 1N5283 through 1N5314	2012-11-14

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 72 MICROWAVE DIODES: OSCILLATORS

Number		Specification Title	Date
5511/001	1	Diodes Microwave Gallium Arsenide Gunn, based on types ML4921 to 23, ML4931to33, ML4941to43, ML4951to53, ML4961to63, ML4971to73 and ML4981to83	2012-02-02
5511/002	1	Diodes Microwave Gallium Arsenide Gunn, based on types ML4901 to ML4906 & ML4910 to ML4911	2012-02-02

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	2021-02-09
5512/002	1	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4512 thru ML4518	2012-11-14
5512/003	3	Diodes Microwave Silicon Tuning Varactor, based on type ML4310 thru ML4319	2021-02-09
5512/004	3	Diodes Microwave Silicon Tuning Varactor, based on types ML4331 to ML4335	2021-02-09
5512/005	2	Diodes Microwave Silicon Tuning Varactor, based on types ML4336 to ML4343	2021-02-09
5512/006	2	Diodes Microwave Silicon Tuning Varactor, based on types ML4351 to ML4354	2021-02-09
5512/007	2	Diodes Microwave Silicon Tuning Varactor, based on types ML4355 to ML4365	2021-02-09
5512/008	1	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4532 to ML4538	2012-11-14
5512/009	1	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4552 to ML4558	2012-11-14
5512/010	1	Diodes Microwave Gallium Arsenide Multiplier Varactor, based on types ML48701E thru ML48705E	2012-11-14
5512/011	1	Diodes Microwave Gallium Arsenide Multiplier Varactor, based on types ML48706C thru ML48708C and ML48709B to ML48710B	2012-11-14
5512/012	1	Diodes Microwave Gallium Arsenide Hyperabrupt Tuning Varactor, based on types ML4577 to ML4580	2012-11-14
5512/013	1	Diodes Microwave Gallium Arsenide Hyperabrupt Tuning Varactor, based on types ML4572 to ML4576	2012-11-14
5512/014	1	Diodes Microwave Gallium Arsenide High Capacitance Tuning Varactor, based on types ML4519 ML4520 ML4539 ML4540 ML4559 and 4560	2012-11-14

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 73 MICROWAVE DIODES: SMALL SIGNAL

Number		Specification Title	Date
5512/017	1	Diodes Microwave Silicon Schottky, based on types DH301,302,303,312,313,314,315,322,323,324,325	2012-02-02
5512/022	1	Microwave Hyper-Abrupt Junction Tuning Varacter Silicon Diode, based on Types DH733 to DH738	2012-02-02

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 74 MICROWAVE DIODES: LARGE SIGNAL

Number		Specification Title	Date
5513/001	1	Diodes Microwave Silicon PIN Limiter, based on types ML4202 ML4204 AND ML4206	2012-11-14
5513/002	1	Diodes Microwave Silicon PIN Fast Switching, based on types ML4617P thru ML4619P	2012-11-14
5513/003	1	Diodes Microwave Silicon PIN Plated Heatsink, based on types ML4630 and ML4631	2012-11-14
5513/004	1	Diodes Microwave Silicon Pin Fast Switching, based on types ML4603-54 to ML4608-54	2012-11-14
5513/005	1	Diodes Microwave Silicon Pin Broadband, based on types ML4660,4661,4663,4665,4667,4669,4671 and thru 4674	2012-11-14
5513/006	1	Diodes Microwave Silicon Schottky Medium Barrier Mixer, based on types ML40019 to ML40021 ML40150 ML40151 ML40152 ML40160 and ML40161	2012-11-14
5513/007	3	Diodes Microwave Silicon Pin Limiter, based on types ML4207 to ML4209	2021-02-09
5513/008	1	Diodes Microwave Silicon Pin Plated Heatsink, based on types ML4609 ML4613 AND ML4616	2012-11-14
5513/009	3	Diodes Microwave Silicon Pin Fast Switching, based on types ML4610 ML4617 ML4618 & ML4619	2021-02-09
5513/010	3	Diodes Microwave Silicon PIN Fast Switching, based on types ML4611 ML4612 ML4614 & ML4615	2021-02-09
5513/011	1	Diodes Microwave Silicon Pin Plated Heatsink, based on types ML4620 ML4621 ML4625 ML4626	2012-11-14
5513/012	1	Diodes Microwave Silicon Pin High Power, based on types ML4640 to ML4647	2012-11-14
5513/013	1	Diodes Microwave Silicon Pin High Power, based on types ML4648 to ML4655	2012-11-14
5513/014	3	Diodes Microwave Silicon Pin Fast Switching, based on types ML4622 to ML4624	2021-02-09

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 74 MICROWAVE DIODES: LARGE SIGNAL

Number		Specification Title	Date
5513/015	3	Diodes Microwave Silicon Pin Fast Switching, based on types ML4627 to ML4629	2021-02-09
5513/016	1	Diodes Microwave Silicon Pin Broadband, based on types ML4661P ML4662 ML4663P ML4664 ML4665P ML4666 ML4667P ML4668 ML4669P and ML4670	2012-11-14
5513/018	1	Diodes Microwave Silicon Pin Fast Switching, based on types ML4622P to ML4624P	2012-11-14
5513/019	1	Diodes Microwave Silicon Pin Fast Switching, based on types ML4627P to ML4629P	2012-11-14
5513/020	1	Diodes Microwave Silicon Pin Fast Switching, based on types ML4611P 4612P 4614P and 4615P	2012-11-14
5513/021	1	Diodes Microwave Gallium Arsenide Schottky Mixer, based on types ML40461 to ML40464	2012-11-14
5513/028	1	Diodes Microwave Silicon Pin Switching, based on type 1N5719	2012-11-14
5513/035	2	Diodes Microwave Silicon PIN Fast Switching, based on types DH50401 to DH50405	2016-02-02

Specification Family : DISCRETE SEMICONDUCTORS

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

Number		Specification Title	Date
5613/002	1	High Electron Mobility Transistors Microwave Low Noise Small Signal Gallium Arsenide, based on type CFY66	2012-11-14
5613/004	3	High Electron Mobility Transistors Microwave Low Noise Small Signal Gallium Arsenide, based on type CFY67	2020-04-20
5613/008	3	Transistors, Microwave, Field Effect, Low Noise, Gallium Arsenide, based on Types CFY25 and CFY27	2015-09-24

Specification Family : DISCRETE SEMICONDUCTORS

Class of Publication Code : 87 III-V LARGE SIGNAL AND OSCILLATORS(5614/..)

Number		Specification Title	Date
5614/006	3	Transistors Microwave Metal Semiconductor Field Effect Power Gallium Arsenide, based on types CLY29 and CLY32	2012-11-14
5614/007	2	Transistors, Microwave, Field Effect, Power, Gallium Arsenide, based on Types CLX27 and CLX30	2012-11-14
5614/008	3	Transistors, Microwave, Field Effect, Power, Gallium Arsenide, Based on CLY35 and CLY38	2012-11-14



Specification Family :                INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9512/001	1	CMOS Digital Signal Processor, based on type 320C25	2002-10-01
9521/001	1	CMOS 8-bit Micro-Controller, based on type 80C31	2002-10-01
9543/003	1	Silicon On Sapphire CMOS Programmable Direct Memory Access Controller, based on type MAS28137	2002-10-31
9544/003	1	Silicon On Sapphire CMOS Programmable Communication Interface, based on type MAS28151	2002-10-31
9544/004	1	Silicon on Sapphire CMOS Virtual Channel Multiplexer, based on type 12396	2002-10-31
9544/005	1	Silicon on Sapphire CMOS Virtual Channel Assembler, based on type 12399	2002-10-31
9544/006	1	CMOS Silicon on Sapphire OBDH-Remote Bus Interface RBI Circuit with 3-State Outputs, based on type 12663	2002-10-31
9544/007	1	Integrated Circuit, Monolithic, Silicon on Sapphire, CMOS, Local Time Management System Based on Type MS-13196	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        42 IC'S SIL MON BI: LINEAR

Number		Specification Title	Date
9101/001	1	Operational Amplifier, based on type LM 101A	2002-10-31
9101/005	1	Operational Amplifier, based on type LM108A	2002-10-31
9101/006	1	Operational Amplifier Buffer, based on type LM 118	2002-10-31
9101/008	1	Dual Bipolar Operational Amplifiers, based on type LM747	2002-10-31
9101/009	1	Fast Sample and Hold Operational Amplifier, based on type HA-2420	2002-10-31
9101/010	1	Operational Amplifier, based on type HA2520-2	2002-10-31
9101/011	1	Low Power Quad Bipolar Operational Amplifier, based on type LM124 and LM124A	2002-10-31
9101/017	1	JFET Input Operational Amplifier, based on type LF155 LF155A LF156 LF156A and LF157	2002-10-31
9101/022	1	Bipolar Operational Amplifiers, based on type LM11	2002-10-31
9101/033	1	Bipolar Operational Amplifier, based on type OP400A	2002-10-31
9102/001	1	Voltage Regulator, based on type LM104	2002-10-31
9102/002	1	Voltage Regulator, based on type LM105	2002-10-31
9102/005	1	3-Terminal Adjustable Positive Regulator, based on type LM117	2002-10-31
9102/007	1	3-Terminal Adjustable Negative Regulator, based on type LM137	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        42 IC'S SIL MON BI: LINEAR

Number		Specification Title	Date
9102/013	1	High Efficiency Linear Regulator, based on type UC1834	2002-10-31
9103/002	1	Voltage Comparator, based on type LM111	2002-10-31
9103/004	1	Quad Bipolar Voltage Comparator, based on types LM139 and LM139A	2002-10-31
9108/001	1	Operational Amplifier, based on type LM110	2002-10-31
9108/002	1	Precision Timer, based on type LM122	2002-10-31
9108/007	1	Regulating Pulse Width Modulator, based on type SG1524	2002-10-31
9108/011	1	Regulating Pulse Width Modulator, based on type SG1525A	2002-10-31
9108/018	1	Integrated Circuits Silicon Monolithic Current Mode Pulse Width Modulator Controller, based on type UC1843	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9201/040	4	CMOS Dual 3-Input NOR Gate plus Inverter, based on type 4000B	2019-04-12
9201/044	4	CMOS Dual 4-Input NAND Gate, based on type 4012B	2019-04-12
9201/045	4	CMOS Triple 3-Input NAND Gates, based on type 4023B	2019-04-12
9201/046	4	CMOS Triple 3-Input NOR Gate, based on type 4025B	2019-04-12
9201/054	4	CMOS Multifunction Expandable 8-Input Gate with 3-State Output, based on type 4048B	2019-04-12
9201/062	4	CMOS 8-Input NOR/OR Gate, based on type 4078B	2019-04-12
9201/066	4	CMOS Dual 4-Input AND Gate, based on type 4082B	2019-04-12
9201/067	3	CMOS Dual 2-Wide 2-Input AND/OR Inverter Gate, based on type 4085B	2014-02-14
9201/068	4	CMOS Expandable 4-Wide 2-Input AND/OR Inverter Gate, based on type 4086B	2019-04-12
9202/038	4	CMOS Dual Complementary Pair plus Inverter having unbuffered Outputs, based on type 4007UB	2019-04-12
9202/041	4	CMOS Quad Clocked 'D' Latch, based on type 4042B	2019-04-12
9202/050	3	CMOS Quad Bilateral Switch, based on type 4016B	2014-02-14
9202/058	3	CMOS 8-Bit Addressable Latch, based on type 4099B	2014-02-14
9202/060	4	CMOS Binary Rate Multiplier, With Fully Buffered Outputs, based on type 4089B	2019-04-12

Specification Family :                    INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9202/063	3	CMOS Dual 4-Bit Latch with 3-State Outputs, based on type 4508B	2014-10-15
9202/068	4	CMOS 4-Bit Arithmetic Logic Unit With Fully Buffered Outputs, based on type 40181B	2019-04-12
9202/069	4	CMOS Look-Ahead Carry Generator With Fully Buffered Outputs, based on type 40182B	2019-04-12
9204/013	4	CMOS Dual BCD Up-Counter, based on type 4518B	2019-04-12
9204/046	3	CMOS Programmable 4-Bit Binary Counter with Synchronous Clear, based on type 40163B	2014-02-14
9204/067	4	CMOS Programmable 4-Bit Synchronous Decade Counter with Synchronous Clear, based on type 40162B	2019-04-12
9208/002	4	CMOS 9-Bit Parity Generator/Checker, based on type 40101B	2019-04-12
9301/009	4	CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40208B	2019-04-12
9306/013	4	CMOS 18 Stage Static Shift Register, based on type 4006B	2019-04-12
9306/017	3	CMOS 64-Stage Static Shift Register, based on type 4031B	2014-02-14
9306/018	3	CMOS 4-Bit Universal Shift Register, based on type 4035B	2014-02-14
9306/025	4	CMOS 8-Stage Static Bidirectional Parallel/Serial Input/Output Bus Register with 3-State Outputs, based on type 4034B	2019-04-12
9306/032	4	CMOS 4-Bit Bidirectional Universal Shift Register, based on type 40194B	2019-04-12
9306/033	3	CMOS FIFO Register with 3-State Outputs, based on type 40105B	2014-02-14

Specification Family :                INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9306/034	4	CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40108B	2019-04-12
9306/040	4	CMOS 4-Bit Bi-Directional Universal Shift Register with 3 State Outputs, based on type 40104B	2019-04-12
9306/049	4	CMOS Dual 64-Stage Static Shift Register with 3-State Outputs, based on type 4517B	2019-04-12
9401/006	3	CMOS Strobed Hex Inverter/Buffer, based on type 4502B	2014-10-15
9406/001	3	CMOS Ripple-Carry Decade Counter/Divider, based on type 4026B	2014-02-14
9408/017	3	CMOS Quad 2-Line-to-1-Line Data Selector/Multiplexer with 3-State Outputs, based on type 40257B	2014-02-14

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9201/014	1	Quad 2-Input Exclusive OR Gates, based on types 54LS86 and 54LS86A	2002-10-31
9201/015	1	Quad 2-Input Positive NAND Gate, based on type 54LS00	2002-10-31
9201/016	1	Quad 2-Input Positive NOR Gate, based on type 54LS02	2002-10-31
9201/017	1	Triple 3-Input Positive NAND Gate, based on type 54LS10	2002-10-31
9201/018	1	Dual 4-Input Positive NAND Gate, based on type 54LS20	2002-10-31
9201/019	1	8-Input Positive NAND Gate, based on type 54LS30	2002-10-31
9201/025	1	2-Wide 3-Input 2-Wide 2-Input Positive AND/OR Invert Gate, based on type 54LS51	2002-10-31
9201/026	1	4-Wide 3-2-2-3 Input Positive AND/OR Invert Gate, based on type 54LS54	2002-10-31
9201/028	1	Triple 3-Input Positive NOR Gate, based on type 54LS27	2002-10-31
9201/035	1	Quad 2-Input Positive AND Gate, based on type 54LS08	2002-10-31
9201/036	1	Quadruple 2-Input High Voltage Interface Positive NAND Gate, based on type 54LS26	2002-10-31
9201/038	1	Quad 2-Input Positive OR Gate, based on type 54LS32	2002-10-31
9201/039	1	Dual 4-Input Positive NAND Gate, based on type 54LS40	2002-10-31
9201/049	1	Triple 3-Input Positive AND Gate, based on type 54LS11	2002-10-31

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9201/050	1	Quad 2-Input Exclusive NOR Gates, based on type 54LS266	2002-10-31
9201/053	1	Dual 4-Input Positive and Gate, based on type 54LS21	2002-10-31
9201/069	1	Quad 2-Input Positive NAND Gate with Open Collector Output, based on type 54LS03	2002-10-31
9201/073	1	Quad 2-Input Positive AND Gate with Open Collector Output, based on type 54LS09	2002-10-31
9201/081	1	Quad 2-Input Exclusive OR Gates, based on type 54LS386 and 54LS386A	2002-10-31
9202/005	1	Arithmetic Logic Unit/Function Generator, based on type 54LS181	2002-10-31
9202/009	1	Hex Inverter, based on type 54LS04	2002-10-31
9202/010	1	Quad 2-Line-to-1-Line Selectors/Multiplexers, based on type 54LS257A	2002-10-31
9202/013	1	Hex Schmitt Trigger Inverter, based on type 54LS14	2002-10-31
9202/015	1	1-of-8 Data Selectors/Multiplexers, based on type 54LS151	2002-10-31
9202/016	1	Dual 4-Line-to-1-Line Data Selector/Multiplexer, based on type 54LS153	2002-10-31
9202/017	1	Quad 2-Input Positive NAND Buffer with Open Collector Outputs, based on type 54LS38	2002-10-31
9202/027	1	Quad 2-Line-to-1-Line Selectors/Multiplexers, based on type 54LS157	2002-10-31
9202/028	1	Quad 2-Line-to-1-Line Selectors/Multiplexers, based on type 54LS158	2002-10-31



Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9202/029	1	Dual 4-line-to-1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54LS253	2002-10-31
9202/030	1	4-Bit Binary Full Adder with Fast Carry, based on type 54LS83A	2002-10-31
9202/031	1	4-Bit Magnitude Comparator, based on type 54LS85	2002-10-31
9202/032	1	Low Power Bipolar Schottky 4-Bit Binary Full Adder with Fast Carry, based on type 54LS283	2002-10-31
9202/033	1	Dual Monostable Multivibrators, based on type 54LS221	2002-10-31
9202/052	1	Data Selectors/Multiplexers with 3-State Outputs, based on type 54LS251	2002-10-31
9202/053	1	Quad Set-Reset Latches, based on types 54LS279 and 54LS279A	2002-10-31
9202/054	1	Hex Bus Driver with 3-State Outputs, based on type 54LS367A	2002-10-31
9202/055	1	Hex Bus Driver with 3-State Outputs, based on type 54LS368A	2002-10-31
9202/064	1	Dual Carry-Save Full Adders, based on type 54LS183	2002-10-31
9202/066	1	Crystal Controlled Oscillator, based on type 54LS321	2002-10-31
9202/070	1	8-bit Addressable Latches, based on type 54LS259B	2002-10-31
9203/008	1	4-Bit Bistable Latches with Complementary Outputs, based on type 54LS75	2002-10-31
9203/013	1	Dual D-Type Flip-Flop with Preset and Clear, based on type 54LS74A	2002-10-31

Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9203/014	1	Dual J-K Flip-Flop with Clear, based on type 54LS73A	2002-10-31
9203/015	1	Dual J-K Flip-Flop with Preset and Clear, based on type 54LS76A	2002-10-31
9203/016	1	Dual J-K Flip-Flop with Preset and Clear, based on type 54LS112A	2002-10-31
9203/018	1	Hex D-Type Flip-Flop with Clear, based on type 54LS174	2002-10-31
9203/019	1	Quad D-Type Flip-Flops with Clear, based on type 54LS175	2002-10-31
9203/020	1	Dual J-K Flip-Flops with Clear, based on type 54LS107A	2002-10-31
9203/021	1	Dual J-K Negative Edge-Triggered Flip-Flop with Preset, based on type 54LS113A	2002-10-31
9203/024	1	Dual J-K Flip-Flop with Preset and Clear, based on type 54LS109A	2002-10-31
9203/025	1	Dual J-K Negative Edge-Triggered Flip-Flop, based on type 54LS114A	2002-10-31
9203/030	1	Octal D-Type Flip-Flop with Clear, based on type 54LS273	2002-10-31
9203/031	1	Octal D-Type Flip-Flop, based on type 54LS374	2002-10-31
9203/034	1	Octal D-Type Latches, based on type 54LS373	2002-10-31
9203/035	1	Octal D-Type Flip-Flop with Enable, based on type 54LS377	2002-10-31
9203/039	1	4-Bit Bistable Latches with Complementary Outputs, based on type 54LS375	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9204/007	1	Divide-by-2 and Divide-by-6 Counter, based on type 54LS92	2002-10-31
9204/008	1	4-Bit Binary Counter, based on type 54LS93	2002-10-31
9204/010	1	Decade Counter, based on type 54LS90	2002-10-31
9204/014	1	Synchronous Counter with Direct Clear, based on type 54LS160A	2002-10-31
9204/015	1	Synchronous Counter with Direct Clear, based on type 54LS161A	2002-10-31
9204/016	1	Synchronous 4-Bit Counter with Synchronous Clear, based on type 54LS163A	2002-10-31
9204/017	1	Programmable Synchronous 4-Bit Up/Down Binary Counter, based on type 54LS193	2002-10-31
9204/018	1	Presetable Divide-by-2 and Divide-by-5 Counter, based on type 54LS196	2002-10-31
9204/019	1	Presetable Divide-by-2 and Divide-by-8 Counter, based on type 54LS197	2002-10-31
9204/033	1	Dual 4-Bit Decade and Binary Counter, based on type 54LS390	2002-10-31
9204/034	1	Dual 4-Bit Binary Counter, based on type 54LS393	2002-10-31
9205/003	1	Dual Decoder/Demultiplexer, based on types 54LS139 and 54LS139A	2002-10-31
9205/004	1	Decoder/Demultiplexer, based on type 54LS138	2002-10-31
9205/008	1	BCD-to-Decimal Decoder, based on type 54LS42	2002-10-31

Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9205/009	1	Dual 2-Line-to-4-Line Decoder/Demultiplexer, based on type 54LS155 and 54LS155A	2002-10-31
9207/002	1	Dual Monostable Multivibrator, based on type 54LS123	2002-10-31
9207/004	1	Retriggerable Monostable Multivibrator, based on type 54LS122	2002-10-31
9208/001	1	9-Bit Odd/Even Parity Generator/Checker, based on type 54LS280	2002-10-31
9301/001	1	4-by-4 Register File, based on type 54LS670	2002-10-31
9306/009	1	4-Bit Parallel Shift Register, based on type 54LS95B	2002-10-31
9306/011	1	8-Bit Parallel-Out Serial Shift Register, based on type 54LS164	2002-10-31
9306/012	1	4-Bit Bidirectional Universal Shift Register, based on type 54LS194A	2002-10-31
9306/019	1	4-Bit Parallel-Access Shift Register, based on type 54LS195A	2002-10-31
9306/020	1	5-Bit Shift Register, based on type 54LS96	2002-10-31
9306/029	1	Parallel Load 8-Bit Shift Register, based on types 54LS165 and 54LS165A	2002-10-31
9306/030	1	8-Bit Shift Register, based on types 54LS166 and 54LS166A	2002-10-31
9306/035	1	16-Bit Shift Register, based on type 54LS673	2002-10-31
9306/036	1	16-bit Shift Register, based on type 54LS674	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9401/007	1	Quad 2-Input Positive NAND Buffer, based on type 54LS37	2002-10-31
9401/008	1	Quad 2-Input Positive NOR Buffer, based on type 54LS28	2002-10-31
9401/009	1	Hex Inverter, based on type 54LS05	2002-10-31
9401/011	1	Quad Bus Buffer Gate with 3-State Outputs, based on type 54LS125A	2002-10-31
9401/014	1	Octal Buffer and Line Driver with 3-State Outputs, based on type 54LS240	2002-10-31
9401/016	1	Octal Buffer/line Driver with 3-State Outputs, based on type 54LS241	2002-10-31
9401/017	1	Hex Buffer Driver, based on type 54LS365A	2002-10-31
9402/003	1	Octal Buffer/Line Driver/Line Receiver with 3-State Outputs, based on type 54LS244	2002-10-31
9405/002	1	Octal Bus Transceivers with 3-State Outputs, based on type 54LS245	2002-10-31
9405/003	1	Quad Bus-Transceiver with Inverted 3-State Outputs, based on type 54LS242	2002-10-31
9405/004	1	Quad Bus Transceivers with Non-Inverted 3-State Outputs, based on type 54LS243	2002-10-31
9406/002	1	BCD-to-Decimal Decoder, based on type 54LS145	2002-10-31
9408/015	1	Quad 2-Input Multiplexer with Storage, based on type 54LS398	2002-10-31
9408/016	1	Quad 2-Input Multiplexer with Storage, based on type 54LS399	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        44 IC'S SIL MON BI LOW POWER SCHOTTKY: 54LS SERIES

Number		Specification Title	Date
9409/001	1	Dual 4-Input Positive NAND Schmitt Trigger, based on type 54LS13	2002-10-31
9409/004	1	Quad 2-Input Positive NAND Schmitt Trigger, based on type 54LS132	2002-10-31
9410/003	1	8-Line to 3-Line Priority Encoder, based on type 54LS148	2002-10-31

Specification Family : INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9202/077	3	Integrated Circuits, Monolithic, CMOS Silicon on Sapphire 3.5 GHz Delta-Sigma Modulated Fractional PLL Frequency Synthesizer based on Type PE33632	2020-11-16
9202/078	3	Integrated Circuits, Monolithic, CMOS Silicon On Sapphire, 3.5GHz Integer-N PLL Frequency Synthesiser, based on Type PE33362	2020-11-16
9202/079	3	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	2020-11-16
9202/081	1	INTEGRATED CIRCUITS, MONOLITHIC, CMOS SILICON ON-SAPPHIRE, 7-BIT RF DIGITAL STEP ATTENUATOR, 50Ohm BASED ON TYPE PE43751	2020-11-16
9202/082	1	INTEGRATED CIRCUITS, MONOLITHIC, CMOS SILICON ON-SAPPHIRE, 6-BIT RF DIGITAL STEP ATTENUATOR, 50Ohm BASED ON TYPE PE43652	2020-11-16
9204/063	1	Integrated Circuits Monolithic Silicon on Sapphire CMOS ION Counter, based on type 11918	2002-10-31
9301/015	1	CMOS Silicon Gate Static 16K (2048x8 Bit) Asynchronous Random Access Memory with 3-State Outputs, based on types HM65162 and HM65162B	2002-10-31
9301/018	1	CMOS Silicon Gate Static 16K (16348x1Bit) Asynchronous Random Access Memory with 3-State Outputs, based on types HM65262 and HM65262B	2002-10-31
9301/026	1	CMOS Silicon Gate Static 64K (65536 x1 Bit) Asynchronous Random Access Memory with 3-State Outputs, based on type HM65687	2002-10-31
9301/029	1	CMOS Silicon Gate Static 64K (8192/8 bit) Asynchronous Random Access Memory with 3-State Outputs, based on type HM65664	2002-10-31
9301/030	1	CMOS Silicon Gate Static 256K (32768x8bit) Asynchronous Random Access Memory with 3 State Outputs, based on type HM65656	2002-10-31
9301/032	1	CMOS Silicon Gate Static 9K (1024x9 bit) First-In First-Out (FIFO Memory with 3 State Outputs, based on type M67202FV	2002-10-31
9301/034	1	CMOS Silicon Gate Static 64K (4096x16 bit) Dual Port Memory with 3 State Outputs, based on type M67024EV	2002-10-31
9301/038	1	CMOS Silicon Gate Static 256K (262144x1Bit) Asynchronous Random Access Memory with 3-State Outputs, based on type M65697EV	2002-10-31

Specification Family :                    **INTEGRATED CIRCUITS**

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

<b>Number</b>		<b>Specification Title</b>	<b>Date</b>
9301/041	1	CMOS Silicon Gate Static (512 x 9 Bit) First-In First Out Memory with 3-state Outputs, based on type M67201FV	2002-10-31
9304/003	1	High Performance Programmable Array Logic Circuit, based on type PAL16L8	2002-10-31
9304/005	1	High Performance Programmable Array Logic Circuit, based on type PAL22V10	2002-10-31
9304/006	1	High Performance Programmable Array Logic Circuit, based on type PAL20R8	2002-10-31
9304/007	1	High Performance Programmable Array Logic (PAL) Circuit, based on type PAL20L8	2002-10-31
9402/012	1	Quad EIA-422 Line Driver with 3 State Outputs, based on type AM26LS31 and 55ALS192	2002-10-31
9403/003	1	Quad EIA-422/423 Line Receiver with 3-State Outputs, based on type AM26LS32	2002-10-31
9407/001	1	8-Bit High Speed Multiplying D/A Converter, based on type DAC08A	2002-10-31
9408/001	1	2-Channel High Speed Driver with SPST JFET Switches, based on type DG181	2002-10-31
9408/002	1	16-Channel CMOS Analogue Multiplexer, based on type HI506A	2002-10-31
9408/003	1	Dual 8-Channel CMOS Analogue Multiplexer, based on type HI507A	2002-10-31
9408/019	1	CMOS 16-Channel Multiplexer Radiation-Hardened, based on type HS1840RH	2002-10-31



Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        56 IC'S SIL MON BI SCHOTTKY: 54 S SERIES

Number		Specification Title	Date
9201/056	1	Quad 2-Input Positive NAND Gates, based on type 54S00	2002-10-31
9201/057	1	Quad 2-Input Positive AND Gate with Open Collector Output, based on type 54S09	2002-10-31
9201/058	1	Triple 3-Input Positive NAND Gate, based on type 54S10	2002-10-31
9201/059	1	Dual 4-Input Positive NAND Gate, based on type 54S20	2002-10-31
9201/060	1	8-Input Positive NAND Gate, based on type 54S30	2002-10-31
9201/074	1	Quad 2-Input Positive NOR Gate, based on type 54S02	2002-10-31
9201/077	1	Dual 4-Input Positive NAND Gate with Open Collector Outputs, based on type 54S22	2002-10-31
9201/078	1	Dual 2-Wide 2-Input AND-OR INVERT Gates, based on type 54S51	2002-10-31
9201/079	1	Quadruple 2-Input Exclusive OR Gate, based on type 54S86	2002-10-31
9201/083	1	Dual 5-Input Positive NOR Gate, based on type 54S260	2002-10-31
9201/112	1	Positive OR Gate, based on type 54S32	2002-10-31
9202/059	1	9-Bit Odd/Even Parity Generator/Checker, based on type 54S280	2002-10-31
9203/026	1	Dual D Positive Edge Triggered Flip-Flop with Preset and Clear, based on type 54S74	2002-10-31
9203/027	1	Dual J-K Negative-Edge-Triggered Flip-Flop with Preset, based on type 54S113	2002-10-31

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 56 IC'S SIL MON BI SCHOTTKY: 54 S SERIES

Number		Specification Title	Date
9203/028	1	Dual J-K Negative Edge Triggered Flip-Flop with Preset and Clear, based on type 54S112	2002-10-31
9203/032	1	Hex D-Type Flip-Flop with Clear, based on type 54S174	2002-10-31
9203/033	1	Quadruple D-Type Flip-Flop with Clear, based on type 54S175	2002-10-31
9203/041	1	Octal D-Type 3-State Positive Edge-Triggered Flip-Flop, based on type 54S374	2002-10-31
9204/029	1	Synchronous 4-Bit Binary Counter with Synchronous Clear, based on type 54S163	2002-10-31
9204/044	1	Presetable Divide-by-2 and Divide-by-5 Counter, based on type 54S196	2002-10-31
9306/024	1	4-Bit Parallel Access Shift Register, based on type 54S195	2002-10-31
9306/031	1	4-Bit Bidirectional Universal Shift Register, based on type 54S194	2002-10-31
9401/012	1	Hex Inverter, based on type 54S04	2002-10-31
9401/015	1	Quad 2-Input Positive NAND Buffer, based on type 54S37	2002-10-31
9402/004	1	Dual 4-Input Positive NAND 50 Ohm Line Driver, based on type 54S140	2002-10-31
9408/007	1	8-to-1 Line Data Selector/Multiplexer, based on type 54S151	2002-10-31
9408/008	1	4-Line-to-1-Line Data Selector/Multiplexer, based on type 54S153	2002-10-31
9408/010	1	Decoder/Demultiplexer, based on type 54S138	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :            56 IC'S SIL MON BI SCHOTTKY: 54 S SERIES

Number		Specification Title	Date
9408/020	1	Data Selector/ Multiplexer with 3-State Outputs, based on type 54S251	2002-10-31
9408/042	1	Quad 2-Line-to-1 Line Data Selectors/Multiplexers, based on type 54S158	2002-10-31

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 60 IC'S SIL MON BI ADVANCED LOW POWER SCHOTTKY 54ALS

Number		Specification Title	Date
9201/088	1	Quad 2-Input Positive NAND Gates, based on type 54ALS00A	2002-10-31
9201/089	1	Quad 2-Input Positive NOR Gates, based on type 54ALS02	2002-10-31
9201/091	1	Quad 2-Input Positive OR Gates, based on type 54ALS32	2002-10-31
9201/092	1	Quad 2-Input Positive AND Gates, based on type 54ALS08	2002-10-31
9201/093	1	Triple 3-Input Positive NAND Gates, based on types 54ALS10 and 54ALS10A	2002-10-31
9201/094	1	Triple 3-Input Positive AND Gates, based on types 54ALS11 and 54ALS11A	2002-10-31
9201/095	1	Dual 4-Input Positive NAND Gates, based on type 54ALS20A	2002-10-31
9201/096	1	Dual 4-Input Positive AND Gates, based on types 54ALS21 and 54ALS21A	2002-10-31
9201/097	1	Triple 3-Input Positive NOR Gates, based on type 54ALS27	2002-10-31
9201/098	1	8-Input Positive NAND Gates, based on types 54ALS30 and 54ALS30A	2002-10-31
9201/099	1	Quadruple 2-Input Exclusive OR Gates, based on type 54ALS86	2002-10-31
9201/100	1	Quad 2-Input Positive-NAND Buffer Gates with Increased Output Drive, based on type 54ALS37A & 1000A	2002-10-31
9201/101	1	Quad 2-Input Positive-NOR Buffer Gates with Increased Output Drive, based on types 54ALS28A & 1002A	2002-10-31
9201/102	1	Triple 3-Input Positive AND Buffer Gates with Increased Output Drive, based on type 54ALS101A	2002-10-31

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 60 IC'S SIL MON BI ADVANCED LOW POWER SCHOTTKY 54ALS

Number		Specification Title	Date
9201/104	1	Quad 2-Input Positive AND Gates with Open Collector Outputs, based on type 54ALS09	2002-10-31
9201/115	1	Quad 2-Input Positive-NAND Buffer Gates with Increased Output Drive and Open Collector Outputs, based on types 54ALS38/38A/1003/1003A	2002-10-31
9201/116	1	Dual 4-Input Positive-NAND Buffer Gates with Increased Output Drive, based on types 54ALS40A/1020A	2002-10-31
9202/067	1	Octal D-Type Transparent Latches with 3-State Buffered Outputs, based on type 54ALS573	2002-10-31
9202/071	1	Octal D-type Transparent Latches with 3-State Outputs, based on type 54ALS373	2002-10-31
9203/042	1	Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ALS574 & 574A	2002-10-31
9203/043	1	Dual D-Type Positive-Edge-Triggered Flip-Flops with Clear and Preset, based on types 54ALS74 and 74A	2002-10-31
9203/046	1	Dual 4-Bit D-Type Edge-Triggered Flip-Flops with 3-State Buffered Outputs, based on types 54ALS874 and 54ALS874A	2002-10-31
9203/047	1	Hex D-Type Positive Edge-Triggered Flip-Flops with Clear, based on type 54ALS174	2002-10-31
9203/048	1	Quad D-Type Positive Edge-Triggered Flip-Flops with Clear, based on type 54ALS175	2002-10-31
9203/049	1	Dual J-K Positive Edge-Triggered Flip-Flops with Clear and Preset, based on types 54ALS109 and 54ALS109A	2002-10-31
9203/055	1	Dual J-K Negative Edge-Triggered Flip-Flops with Clear and Preset, based on type 54ALS112A	2002-10-31
9203/056	1	Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ALS576	2002-10-31
9204/055	1	Synchronous 4-Bit Binary Counters with Direct Clear, based on types 54ALS161A and 54ALS161B	2002-10-31

Specification Family : INTEGRATED CIRCUITS

Class of Publication Code : 60 IC'S SIL MON BI ADVANCED LOW POWER SCHOTTKY 54ALS

Number		Specification Title	Date
9204/057	1	Synchronous 4-Bit Binary Counter with Synchronous Clear, based on types 54ALS163A and 54ALS163B	2002-10-31
9204/058	1	Synchronous 4-Bit Up/Down Binary Counter (Dual Clock with Clear), based on type 54ALS193	2002-10-31
9205/012	1	3-Line to 8-Line Decoders/Demultiplexers, based on type 54ALS138	2002-10-31
9205/025	1	3-Line to 8-Line Decoders/Demultiplexers with Address Latches and Inverted Outputs, based on type 54ALS137	2002-10-31
9209/003	1	8-Bit Identity Comparators, based on type 54ALS520	2002-10-31
9306/039	1	8-Bit Universal Shift/Storage Registers with Direct Overriding Clear and 3-State Outputs, based on type 54ALS299	2002-10-31
9401/021	1	Quad 2-Input Positive AND Buffers with Increased Output Drive, based on types 54ALS1008 and 54ALS1008A	2002-10-31
9401/023	1	Hex Inverters with Open Collector Outputs, based on types 54ALS05 and 54ALS05A	2002-10-31
9401/024	1	Hex Inverters, based on types 54ALS04A and 54ALS04B	2002-10-31
9401/028	1	Octal Buffers and Line Drivers with 3-State Outputs, based on types 54ALS241 and 54ALS241A	2002-10-31
9401/029	1	Octal Buffers and Line Drivers with 3-State Outputs, based on type 54ALS541	2002-10-31
9401/031	1	Triple 3-Input Positive NAND Buffers with Increased Output Drive, based on type 54ALS1010A	2002-10-31
9401/032	1	Octal Buffers and Line Drivers with 3-State Outputs, based on type 54ALS240A	2002-10-31
9401/036	1	Hex Inverter Buffers with Increased Output Drive, based on type 54ALS1004	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        60 IC'S SIL MON BI ADVANCED LOW POWER SCHOTTKY 54ALS

Number		Specification Title	Date
9402/005	1	Octal Buffers and Line Drivers with 3-State Outputs, based on types 54ALS244A and 54ALS244B	2002-10-31
9405/005	1	Octal Bus Transceivers with 3-State Outputs, based on type 54ALS245A & 645A	2002-10-31
9405/009	1	Octal Bus Transceivers with Independant Registers for A and B Buses True Data Paths and 3-State Buffered Outputs, based on type 54ALS646	2002-10-31
9405/018	1	Quad Bus Transceivers with Inverted 3-State Outputs, based on type 54ALS242B	2002-10-31
9405/019	1	Quad Bus Transceivers with 3-State Ouputs, based on type 54ALS243A	2002-10-31
9408/029	1	1-of-8 Data Selectors/Multiplexers, based on type 54ALS151	2002-10-31
9408/031	1	Dual 4-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54ALS253	2002-10-31
9408/032	1	Quad 2-Line to 1-Line Data Selector/Multiplexer with 3-State Outputs, based on type 54ALS257	2002-10-31
9408/033	1	Quad 2-Line to 1-Line Data Selector/Multiplexer with 3-State Outputs, based on type 54ALS258	2002-10-31
9408/034	1	Dual 4-Line to 1-Line Data Selector/Multiplexer with 3-State Outputs, based on type 54ALS353	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9201/121	4	HCMOS Quad 2-Input Exclusive OR Gates, based on type 54HC386	2014-02-14
9201/122	4	HCMOS Quad 2-Input Exclusive NOR-Gates with Open Drain Outputs, based on type 54HC266	2019-04-12
9201/124	3	HCMOS Dual 4-Input OR Gates, based on type 54HC4072	2014-02-14
9201/129	3	HCMOS Triple 3-Input OR Gates, based on type 54HC4075	2014-02-14
9201/130	3	HCMOS Dual 4-Input NOR Gates, based on type 54HC4002	2014-02-14
9201/132	4	HCMOS Quad 2-Input NAND Gates, based on type 54HCT00	2019-04-12
9201/133	4	HCMOS Quad 2-Input NOR Gates, based on type 54HCT02	2019-04-12
9203/051	4	HCMOS Dual J-K Negative-Edge-Triggered Flip-Flops with Preset AND Clear, based on type 54HC112	2014-02-14
9203/061	4	HCMOS Dual J-K Negative Edge Triggered Flip-Flops with Preset AND Clear, based on type 54HC76	2019-04-12
9203/065	3	HCMOS Quad 4-Bit Bistable Latches, based on type 54HC75	2014-02-14
9203/066	3	HCMOS Octal D-Type Edge-Triggered Flip-Flops with 3 State Outputs, based on type 54HCT374	2014-02-14
9203/071	3	HCMOS Dual Negative-Edge Triggered J-K Flip-Flops with Clear, based on type 54HC73	2014-02-14
9203/072	3	HCMOS Dual J-K Negative-Edge-Triggered Flip-Flops with Direct Clear, based on type 54HC107	2014-02-14
9204/068	4	HCMOS Synchronous 4-Bit Up/Down Decade Counter, based on type 54HC190	2019-04-12



Specification Family : INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9204/072	4	HCMOS 5-Stage Johnson Decade Counter/Divider, based on type 54HC4017	2019-04-12
9204/073	3	HCMOS Synchronous 4-Bit Binary Counter, based on type 54HC163	2014-02-14
9204/077	4	HCMOS Asynchronous Negative-Edge-Triggered 7-Bit Binary Counter, based on type 54HC4024	2019-04-12
9204/078	4	HCMOS Dual 4-Bit Decade Counters, based on type 54HC390	2019-04-12
9204/079	4	HCMOS 8-Bit Register Binary Counter, based on type 54HC592	2019-04-12
9204/080	4	HCMOS 4-Bit Binary Counters with Clear, based on type 54HC4520	2019-04-12
9205/016	5	HCMOS 3 Line to 8 Line Decoders/Demultiplexers, based on type 54HC238	2019-04-12
9205/020	4	HCMOS 4 to 10 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC42	2019-04-12
9205/022	4	HCMOS 3 to 8 Line Decoders Demultiplexers with Inverted Outputs, based on type 54HCT138	2019-04-12
9207/008	4	HCMOS Dual Positive OR Negative Edge Schmitt-Triggerable Monostable Multivibrators with Clear Reset, based on type 54HC4538	2019-04-12
9306/053	3	HCMOS 4-Bit PIPO Shift Register with Overriding Clear, based on type 54HC195	2014-02-14
9306/055	5	HCMOS 8 Channel Multiplexer Register with 3-State Latches, based on type 54HC356	2019-04-12
9401/035	3	HCMOS Octal Bus Buffers with 3-State Outputs, based on type 54HC241	2014-02-14
9401/045	3	HCMOS Octal Buffers with Inverted 3-State Outputs, based on type 54HCT240	2014-02-14

Specification Family :                INTEGRATED CIRCUITS

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

Number		Specification Title	Date
9401/046	3	HCMOS Quad Bus Buffers with 3-State Outputs, based on type 54HC126	2014-02-14
9401/052	4	HCMOS Hex Bus Buffers with 3-State Outputs, based on type 54HC365	2014-02-14
9401/054	4	HCMOS Hex Bus Buffers with Inverted 3-State Outputs, based on type 54HC368	2019-04-12
9401/055	3	HCMOS Hex Inverters (Single Stage) with Unbuffered Outputs, based on type 54HCU04	2014-02-14
9405/011	3	HCMOS Quad Bus Transceivers with Inverted 3-State Outputs, based on type 54HC242	2014-02-14
9405/012	3	HCMOS Quad Bus Transceivers with 3-State Outputs, based on type 54HC243	2014-02-14
9405/016	5	HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HC623	2019-04-12
9408/058	3	HCMOS Dual 4-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC253	2014-02-14
9410/016	4	HCMOS 4-Word x 4 Bit Register File with 3-State Outputs, based on type 54HC670	2019-04-12

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        75 ADVANCED CMOS 54ACSERIES

Number		Specification Title	Date
9201/125	3	Advanced CMOS Quad 2-Input NAND Gates, based on type 54AC00	2005-12-21
9201/126	3	Advanced CMOS Quad 2-Input AND Gates, based on type 54AC08	2005-12-21
9201/127	3	Advanced CMOS Quad 2-Input OR Gates, based on type 54AC32	2005-12-21
9201/128	3	Advanced CMOS Quad 2-Input NAND Gates, based on type 54ACT00	2005-12-21
9201/131	2	Advanced CMOS Quad 2-Input and Gates, based on type 54ACT08	2005-12-15
9201/134	1	Advanced CMOS Quad 2-Input NOR Gates, based on type 54ACT02	2002-10-31
9201/135	2	Advanced CMOS Quad 2-Input OR Gates, based on type 54ACT32	2005-12-15
9201/136	2	Advanced CMOS Quad 2-Input Exclusive-OR Gates, based on type 54AC86	2005-12-20
9201/137	1	Advanced CMOS Dual 4-Input NAND Gates, based on type 54AC20	2002-10-31
9201/138	3	Advanced CMOS Triple 3-Input AND Gates, based on type 54AC11	2005-12-21
9201/139	3	Advanced CMOS Triple 3-Input NAND Gates, based on type 54AC10	2005-12-21
9201/140	1	Advanced CMOS Quad 2-Input NOR Gates, based on type 54AC02	2002-10-31
9201/142	2	Advanced CMOS Triple 3-Input AND Gates, based on type 54ACT11	2005-12-15
9201/143	3	Advanced CMOS Quad 2-Input Exclusive-OR Gates, based on type 54ACT86	2005-12-21

Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            75 ADVANCED CMOS 54ACSERIES

Number		Specification Title	Date
9203/067	1	Advanced CMOS Hex D-Type Edge Triggered Flip-Flops with Clear, based on type 54AC174	2002-10-31
9203/068	1	Advanced CMOS Dual D-Type Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54AC74	2002-10-31
9203/069	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54AC374	2002-10-31
9203/074	1	Advanced CMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54ACT373	2002-10-31
9203/075	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54AC574	2002-10-31
9203/076	1	Advanced CMOS Octal D-Type Flip-Flops with Clock Enable, based on type 54AC377	2002-10-31
9203/077	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with Clear, based on type 54AC273	2002-10-31
9203/078	1	Advanced CMOS Quad D-Type Edge-Triggered Flip-Flops with Clear, based on type 54AC175	2002-10-31
9203/079	1	Advanced CMOS Dual D-Type Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54ACT74	2002-10-31
9203/080	1	Advanced CMOS Dual J-K Positive Edge-Tiggered Flip-Flops with Preset and Clear, based on type 54ACT109	2002-10-31
9203/081	1	Advanced CMOS Hex D-Type Edge-Triggered Flip-Flops with Clear, based on type 54ACT174	2002-10-31
9203/082	1	Advanced CMOS Quad D-Type Edge-Triggered Flip-Flops, based on type 54ACT175	2002-10-31
9203/083	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with Clear, based on type 54ACT273	2002-10-31
9203/084	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ACT574	2002-10-31

Specification Family :                    INTEGRATED CIRCUITS

Class of Publication Code :            75 ADVANCED CMOS 54ACSERIES

Number		Specification Title	Date
9203/085	1	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ACT374	2002-10-31
9203/086	1	Advanced CMOS Dual J-K Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54AC109	2002-10-31
9203/087	1	Advanced CMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54AC573	2002-10-31
9203/088	1	Advanced CMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54AC373	2002-10-31
9203/091	1	Advanced CMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54ACT573	2002-10-31
9204/075	1	Advanced CMOS Synchronous 4-Bit Binary Counter, based on type 54ACT163	2002-10-31
9204/081	1	Advanced CMOS Synchronous 4-Bit Binary Counter with Direct Clear, based on type 54AC161	2002-10-31
9204/082	1	Advanced CMOS Synchronous 4-Bit Binary Counter, based on type 54AC163	2002-10-31
9204/083	1	Advanced CMOS Synchronous 4-Bit Up/Down Binary Counter, based on type 54AC169	2002-10-31
9204/085	1	Advanced CMOS Synchronous 4-Bit Binary Counter with Direct Clear, based on type 54ACT161	2002-10-31
9204/087	1	Advanced CMOS Synchronous Presettable 4-Bit Decade Counter with Direct Clear, based on type 54ACT160	2002-10-31
9205/024	2	Advanced CMOS Dual 2-Line to 4-Line Decoders/Demultiplexers with Inverted Outputs, based on type 54AC139	2005-12-20
9209/006	1	Advanced CMOS 8-Bit Identity Comparator, based on type 54AC521	2002-10-31
9306/056	1	Advanced CMOS 8-Input Universal Shift/Storage Registers with Common Parallel I/O Pins Direct Clear and 3-State Outputs, based on type 54AC299	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        75 ADVANCED CMOS 54ACSERIES

Number		Specification Title	Date
9306/057	1	Advanced CMOS 8-Input Universal Shift/Storage Registers with Common Parallel I/O Inputs Direct Clear and 3-State Outputs, based on type 54ACT299	2002-10-31
9401/042	1	Advanced CMOS Octal Bus Buffer with 3-State Outputs, based on type 54AC240	2002-10-31
9401/043	1	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54AC244	2002-10-31
9401/050	1	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54ACT244	2002-10-31
9401/051	1	Advanced CMOS Hex Inverter, based on type 54AC04	2002-10-31
9401/053	1	Advanced CMOS Hex Inverter Schmitt Trigger Inverters, based on type 54ACT14	2002-10-31
9401/056	1	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54ACT541	2002-10-31
9401/057	1	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54ACT240	2002-10-31
9401/058	1	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54AC541	2002-10-31
9401/059	1	Advanced CMOS Hex Inverters, based on type 54ACT04	2002-10-31
9401/061	1	Advanced CMOS Quad Bus Buffers with 3-State Outputs, based on type 54AC125	2002-10-31
9401/062	1	Advanced CMOS Octal Bus Buffers with Inverted 3-State Outputs, based on type 54AC540	2002-10-31
9405/015	1	Advanced CMOS Octal Bus Transceivers with 3- State Outputs, based on type 54ACT245	2002-10-31
9405/017	1	Advanced CMOS Octal Bus Transceivers with 3-State Outputs, based on type 54AC245	2002-10-31

Specification Family :                    **INTEGRATED CIRCUITS**

Class of Publication Code :            **75 ADVANCED CMOS 54ACSERIES**

<b>Number</b>		<b>Specification Title</b>	<b>Date</b>
9408/060	2	Advanced CMOS 3 to 8 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54ACT138	2005-12-15
9408/061	1	Advanced CMOS Dual 2-Line to 4-Line Decoders/Demultiplexers with Inverted Outputs, based on type 54ACT139	2002-10-31
9408/062	1	Advanced CMOS Quad 2-Line to 1-Line Data Selectors/ Multiplexers with 3-State Outputs, based on type 54ACT257	2002-10-31
9408/063	3	Advanced CMOS 3 to 8 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54AC138	2005-12-21
9408/066	1	Advanced CMOS Quad 2- Line to 1-Line Data Selectors/ Multiplexers with Inverted Outputs, based on type 54ACT158	2002-10-31
9408/067	1	Advanced CMOS 8-Line to 1-Line Data Selectors/Multiplexers, based on type 54AC151	2002-10-31
9408/068	1	Advanced CMOS Dual 4-Line to 1-Line Data Selectors/ Multiplexers, based on type 54AC153	2002-10-31
9408/069	1	Advanced CMOS Quad 2-Line to 1-Line Data Selectors/ Multiplexers, based on type 54AC157	2002-10-31
9408/070	1	Advanced CMOS 4-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54AC253	2002-10-31
9408/071	1	Advanced CMOS Quad 2-Line to-1 Line Data Selectors/ Multiplexers with 3-State Outputs, based on type 54AC257	2002-10-31
9408/074	1	Advanced CMOS Quad 2-Line to 1-Line Data Selectors/ Multiplexers with Inverted Outputs, based on type 54AC158	2002-10-31
9409/008	1	Advanced CMOS Hex Schmitt Trigger Inverters, based on type 54AC14	2002-10-31

Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        85 54HSC/54HST- SILICON ON SAPPHIRE HCMOS

Number		Specification Title	Date
9201/144	1	Silicon on Sapphire Monolithic HCMOS Quad 2-Input AND Gates, based on types 54HSC08 & 54HST08	2002-10-31
9201/145	1	Silicon on Sapphire Monolithic HCMOS Quad 2-Input OR Gates, based on types 54HSC32 & 54HST32	2002-10-31
9401/063	1	Silicon on Sapphire Monolithic HCMOS Hex Inverters, based on types 54HSC04 & 54HST04	2002-10-31



Specification Family :                INTEGRATED CIRCUITS

Class of Publication Code :        89 LINEAR GAIN (9012/...)

Number		Specification Title	Date
9012/001	1	Monolithic Microwave Integrated Circuit (MMIC) GaAs Travelling Wave Amplifier,based on Type P35-4150	2014-02-27

Specification Family : POLICY AND PROCEDURE DOCUMENTS

Class of Publication Code : 2 POLICY AND PROCEDURE DOCUMENTS

Number		Specification Title	Date
12201	1	ESCIES Accreditation and Registered User Procedure	2018-01-29
12202	1	ESCIES Contribution Procedure	2018-01-29

Specification Family : OPTOELECTRONICS

Class of Publication Code : 50 OPTO ELECTRIC DEVICES: PHOTOCOUPERS

Number		Specification Title	Date
5401/001	1	Opto-Isolators, based on types 3C91 and 3C92	2012-02-02
5401/003	1	Opto Couplers Inverted Dual Channel, based on type 6N134	2012-02-02
5401/005	1	Opto Couplers, based on type CNY18	2012-02-02

Specification Family : OPTOELECTRONICS

Class of Publication Code : 55 OPTO ELECTRONIC DEVICES: EMITTERS

Number		Specification Title	Date
5402/005	1	Light Emitting Diode Infrared GaAlAs Hermetic, based on type OP224	2014-02-27

Specification Family : OPTOELECTRONICS

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

Number		Specification Title	Date
9610/001	1	Charge Coupled Devices Silicon Photosensitive Area Array Image Sensor 286Linesx382Pixels, based on type TH7863A	2002-10-31
9610/002	1	Charge Coupled Devices, Silicon, Photosensitive, Area Array, Image Sensor, 512 Lines x 512 Pixels, Front Illuminated, Frame Transfer, Multi Pinned Phases, Based on Type TH 7890M	2011-11-17
9610/003	1	Charge Coupled Devices, Silicon, Photosensitive, Area Array, Image Sensor, 286 Lines x 382 Pixels, Based on Type Th 7863D	2002-10-31

## TABLE OF CONTENTS

### BASIC SPECIFICATIONS

3 Basic Specifications	5
------------------------	---

### RESISTORS AND THERMISTORS

21 Resistors Film and Metal Oxide	6
22 Resistors Wire-Wound Precision	8
23 Resistors Wire-Wound Chassis-Mounted	9
25 Resistors Network Thick Film	10
57 Thermistors	11

### INDUCTORS

12 R.F. Coils	12
---------------	----

### CAPACITORS

4 Capacitors Ceramic	13
5 Capacitors Tantalum Solid	14
7 Capacitors Glass	15
9 Capacitors Fixed Plastic Metallised	16
10 Capacitors Mica	17
11 Capacitors Filter	18
48 Capacitors Chip	19
66 Capacitors Chip Tantalum Solid Electrolyte	20
71 Capacitors Surface Mounted Tantalum Solid Electrolyte	21
90 Capacitor Microwave Silicon Diced (5711/...)	22

### WIRES AND CABLES

19 Cables L.F.	23
82 Solid Wires 350V for Wire Wrapping	24

### CONNECTORS

13 Connectors Multicontact	25
14 Connectors Coaxial	26

### RELAYS AND SWITCHES

16 Relays Non-Latching	27
17 Relays Latching	28
59 Toggle Switches	29
92 Relays Electromagnetic RF Coaxial Switch Latching	30

### CRYSTALS AND SAW DEVICES

15 Quartz Crystal	31
69 Surface Acoustic (SAW) Devices	32

### MISCELLANEOUS PASSIVE

58 Attenuators and Loads	33
--------------------------	----

62 Power Dividers	34
63 Power Divider Coupler RF Waveguide	35
70 Ferrite Microwave Components	36
DISCRETE SEMICONDUCTORS	
27 Transistors Low Power NPN	37
29 Transistors High Power NPN	38
30 Transistors High Power PNP	39
31 Transistors FET N Channel	40
32 Transistors FET P Channel	41
33 Multiple Transistors	42
34 Transistors Switching	43
36 Diodes Switching	44
37 Diodes Voltage Reference	45
38 Diodes Rectifier	46
53 Diodes Schottky	48
54 Diodes Miscellaneous	49
72 Microwave Diodes: Oscillators	50
73 Microwave diodes: Small Signal	51
74 Microwave Diodes: Large Signal	53
77 Microwave Tran. III-V Small Signal Transistors	55
87 III-V large signal and oscillators(5614/..)	56
INTEGRATED CIRCUITS	
18 Complex Devices (Microprocessors...)	57
42 IC's Sil Mon Bi: Linear	58
43 IC's Sil Mon CMOS: 4000 Series	60
44 IC's Sil Mon Bi Low Power Schottky: 54LS Series	63
47 IC's Sil Mon: Others	71
56 IC's Sil Mon Bi Schottky: 54 S Series	73
60 IC's Sil Mon Bi Advanced Low Power Schottky 54ALS	76
68 High Speed CMOS 54HC Series	80
75 Advanced CMOS 54ACseries	83
85 54HSC/54HST- Silicon on Sapphire HCMOS	88
89 Linear Gain (9012/...)	89
POLICY AND PROCEDURE DOCUMENTS	
2 Policy and procedure documents	90
OPTOELECTRONICS	
50 Opto Electric Devices: Photocouplers	91
55 Opto Electronic Devices: Emitters	92
81 CCD PhotoMOS Area Arrays (9610/...)	93