



**european space agency
agence spatiale européenne**

Pages 1 to 117

**FINAL LIST OF
ESA/SCC
DOCUMENTS AND SPECIFICATIONS
UNDER CONFIGURATION CONTROL**

ESA/SCC REF/001

ISSUE 02/02

October 2002



**space components
coordination group**

DOCUMENTATION CHANGE NOTICE

Rev. Letter	Rev. Date	Reference CHANGE Item
		This issue supersedes Issue 02/01, dated March 2002.

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INTRODUCTION

This list comprises all ESA/SCC documents and specifications which were under configuration control up to, and were issued as of, 1st October 2002. Where applicable, the issue revision letter is also indicated. The ESA/SCC System is superseded by the ESCC (European Space Components Coordination) and in consequence this issue of ESA/SCC REF/001 is the last. The majority of ESA/SCC Specifications listed herein are transferred to ESCC under their existing numbers and with their present content unchanged. Under ESCC these specifications are reissued with a cover sheet at Issue 1. In consequence no further DCR (document change request) activity for ESA/SCC specifications will be undertaken. Further information concerning the operation of ESCC and its specification system may be found on the ESCC web site <https://spacecomponents.org> and the ESCIES web site <https://escies.org>.

The ESA/SCC documents and specifications are classified according to 5 levels, viz.:

- LEVEL 0 - Object and Basic Rules of the SCC System.
- LEVEL 1 - 1(1) Organisation Documents.
1(2) Implementation Documents.
1(3) Procedures.
- LEVEL 2 - Basic Specifications and Sectional Documents.
- LEVEL 3 - Generic Specifications.
- LEVEL 4 - Detail Specifications.

However, to facilitate retrieval, they are not classified according to the above mentioned levels, but to the various classes of publication listed in the Appendix I.

Those wishing to receive any of the listed ESA/SCC documents and/or specifications are requested to complete the application form at the back of this list (Appendix II) and to return it to the SCCG Secretariat.

IMPORTANT

1. Specifications marked with an asterisk have not yet been adapted to the new ESA/SCC qualification policy requirements.
2. Officially issued specifications, marked '+', are currently being reproduced and will be distributed shortly.
3. *Detail Specifications identified with letters **MS** are to be used as **Master Specifications** for the family in which they are specified as they contain all the latest policy and editorial requirements of the ESA/SCC system. They therefore can be "marked-up" in order to prepare new draft ESA/SCC Detail Specifications for that Family.*

*For Integrated Circuit Detail Specifications, the **Master Specifications** contain the basic FORMAT only. For any specific function or package style/size, an appropriate specification which satisfies these requirements may be selected from within the family / class of Detail Specifications related to the selected **Master Specification**.*

3. Where relevant, the following symbols are used in the specification title or component type:
 - u for μ
 - ohms for Ω
 - deg/degree for $^{\circ}$.

ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 02	Status			
		Issue	Date	Rev.	Date
00000	Object and Basic Rules of the SCC System	2	9509		
00001	Interim Rules of Procedure for the SCCG	2	8405		
00002	ESA/SCCG Qualification Board Rules	1	7709		
11000	Organisation of the SCC System	2	8202		
12000	Implementation by ESA and its Member States of the SCC System for Components Suitable for Space Application	1	7609		
12001	Implementation by ESA and its Member States of the SCC Alert System for Space Application of Components	1	7609		
12002	Implementation by ESA and its Member States of the SCC Qualified Product List for Components Suitable for Space Application	1	7609		
13003	SCC Documentation Control System	2	7611		
13006	The Codification System for SCC Documents and Specifications	2	9607	B	9807
13008	Approval Procedures for SCC Documentation	1	7610		
13009	The Marking of SCC Components	3	9204		
13010	ESA/SCC Inspection Stamp Procedure for Certification of Inspection/Test Results	1	8009		



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 03	Status			
		Issue	Date	Rev.	Date
20100	Requirements for Qualification of Standard Electronic Components for Space Application	4	9902		
20200	Component Manufacturer Evaluation	3	9603	A	0202
20400	Internal Visual Inspection	2	9409	A	0106
20500	External Visual Inspection	3	9409	A	9802
20600	Preservation Packaging and Despatch of SCC Electronic Components	2	8708	A	8907
20800	Document Change Request Procedure	1	9903		
20900	Radiographic Inspection of Electronic Components	3	9504		
21300	Terms Definitions Abbreviations Symbols and Units	4	9409	C	0108
21400	Scanning Electron Microscope (SEM) Inspection of Semiconductor Dice	3	9409	A	9505
21500	Calibration System Requirements	2	9202		
21700	General Requirements for the Marking of SCC Components	5	9606		
22600	Requirements for the Evaluation of Standard Electronic Components for Space Application	2	9504	A	9802
22700	Requirements and Guidelines for the "Process Identification Document" (PID)	4	9304	A	9509
22800	ESA/SCC Nonconformance Control System	2	0202		
22900	Total Dose Steady-State Irradiation Test Method	4	9504		
23000	Requirements for the Extension of Qualification Approval of Standard Electronic Components for Space Application	2	9504		
23100	ESA/SCC Recommendations for the Evaluation and Procurement of Non-Standard Electronic Components for Space Application	2	9504		
23400	Microsection Examination Preparation and Evaluation of Capacitors Fixed Ceramic Leaded and Chips	1	8304		
23500	Requirements for Lead Materials and Finishes for Components for Space Application	6	9508	D	0101
23800	Electrostatic Discharge Sensitivity Test Method	1	8708	B	9106
24300	Requirements for the Capability Approval of Electronic Component Technologies for Space Application	4	9812	A	0107
24400	Measurement of Insertion Loss for E.M.I Suppression Filters	1	9001	A	9506
24600	Minimum Quality System Requirements	3	9602		
24700	Cross Reference of ESA/SCC US-MIL and IEC Test Methods	1	9812		
24800	Resistance to Solvents of Marking Materials and Finishes	2	9401	A	9405



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 03	Status			
		Issue	Date	Rev.	Date
24900	Minimum Requirements for Controlling Environmental Contamination of Components	1	9602		
25100	Single Event Effects Test Method and Guidelines	1	9510		
25200	Application of Scanning Acoustic Microscopy to Plastic Encapsulated Devices	1	0102		
25300	Decapsulation of Plastic Encapsulated Semiconductor Devices	1	0102		



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 79	Status			
		Issue	Date	Rev.	Date
2023000	Checklist for Capacitors Manufacturer and Line Survey	1	9411		
2043000	Internal Visual Inspection of Capacitors	1	9409	A	9605
2053000	External Visual Inspection of Capacitors	1	9409		
2093000	Radiographic Inspection of Capacitors	1	9409		
2133000	Terms Definitions Abbreviations Symbols and Units for Capacitors	1	9409		
2263000	Evaluation Test Programme for Capacitors Fixed	1	9307	C	9712



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 04	Status			
		Issue	Date	Rev.	Date
3001	Generic Specification for Capacitors Fixed Ceramic Dielectric Types I and II	6	9705	D	0108
3001/001	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC904L	4	9505	A	9605
3001/002	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC905L	5	9505	A	9605
3001/003	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC908L	5	9505	A	9605
3001/004	Capacitors Fixed Ceramic Dielectric Type I, based on type CLC910L	4	9505	A	9605
3001/006	Capacitors Fixed Ceramic Dielectric Type II, based on type CKR06	4	9505	A	9605
3001/008	Capacitors Fixed Ceramic Dielectric Type II, based on type CKR05	4	9505	A	9605
3001/018	Capacitors Fixed Ceramic Dielectric Type I, based on type CCR05	3	9505	B	9711
3001/019	Capacitors Fixed Ceramic Dielectric Type I, based on type CCR06	3	9505	B	9711
3001/027	Capacitors Fixed Ceramic Dielectric Type II, based on type TCN83E	1	9404		
3001/028	Capacitors Fixed Ceramic Dielectric Type II for Surface Mounting, based on types CNC82RE and CNC83RE	1	9404	A	9609
3001/030	Capacitors Fixed Ceramic Dielectric Type II High Capacitance 50 to 500V, based on case styles BR,CV and CH	2	0202		
3001/032 MS	Capacitors Fixed Multiple Layer Ceramic Dielectric Type I, based on type SPT818	2	9505	B	9605
3001/033	Capacitors Fixed Ceramic Dielectric Type I High Voltage 1.0 to 5.0kV, based on case styles VR,CV & CH	1	9505	B	9908
3001/034 MS	Capacitors Fixed High Ceramic Dielectric Type II High Voltage 1.0 to 5.0kV, based on case styles VR,CV & CH	2	0009	A	0107
3001/035	Capacitors, Fixed, Ceramic Dielectric, Type I, High Voltage 1.0 to 5.0 kV, Radial Leaded Device	1	0103	A	0202
3001/036	Capacitors, Fixed, Ceramic Dielectric Type II, High Voltage 1.0 to 5.0 KV, Radial Leaded Device	1	0103	A	0202



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 05	Status			
		Issue	Date	Rev.	Date
3002	Generic Specification for Capacitors Fixed Tantalum Solid Electrolyte	5	9904	A	0206
3002/001 MS	Capacitors Fixed Tantalum Solid Electrolyte, based on type CSR23	3	9404	A	9509
3002/002	Capacitors Fixed Tantalum Solid Electrolyte, based on type CSR13	3	9508		
3002/003	Capacitors Fixed Tantalum Solid Electrolyte, based on type CTS21E	1	9506	B	0206



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 06	Status			
		Issue	Date	Rev.	Date
3003	Generic Specification for Capacitors Fixed Tantalum Non-Solid Electrolyte	3	9510	B	9904
3003/005	Capacitors Fixed Tubular Porous Tantalum Cathode and Anode Gelled Electrolyte Hermetically Sealed, based on type CLR79	2	8610	B	9209



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 07	Status			
		Issue	Date	Rev.	Date
3004	Generic Specification for Capacitors Fixed Glass Dielectric	2	9309	C	9904
3004/001	Capacitors Fixed Glass Dielectric, based on type CYR10	2	9512		
3004/002	Capacitors Fixed Glass Dielectric, based on type CYR15	2	9512		
3004/003 MS	Capacitors Fixed Glass Dielectric, based on types CYR51 CYR52 and CYR53	2	9512		



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 09	Status			
		Issue	Date	Rev.	Date
3006	Generic Specification for Capacitors Fixed Film Dielectric	4	9606	D	0012
3006/001	Capacitors Fixed Metallized Plastic Film Dielectric, based on types CRH01 thru CHR05	3	8211	F	9410
3006/007	Capacitors Fixed Metallized Polycarbonate Dielectric, based on type CKM 111	2	7905	B	8408
3006/008	Capacitors Fixed Metallized Plastic Film Dielectric High Voltage, based on type IEXXX	1	8011		
3006/019	Capacitors Fixed dc Self Healing Structured Metallised Polyester (PET) Film Dielectric, based on type MKT	1	9707	A	9807
3006/020	Capacitors Fixed DC Self-Healing Metallised Film Dielectric, Based on type PM90S	1	9807		
3006/022	Capacitors Fixed Reconstituted MICA High Voltage, based on type HT86PS	1	9801	B	0006
3006/023	Capacitors, Fixed, Surface Mount, D.C. Self Healing, Non Inductive, Polyphenylene Sulphide Dielectric, based on Type KM94S	1	0010		
3006/024	Capacitors, Fixed, Surface Mount, D.C. Self Healing, Non-Inductive, Polyterephthalate Dielectric, based on type PM94S	1	0010		



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 10	Status			
		Issue	Date	Rev.	Date
3007	Generic Specification for Capacitors Fixed Mica Dielectric	2	9308	C	9904
3007/001 MS	Capacitors Fixed Mica Dielectric, based on type CMR01	2	9512		
3007/002	Capacitors Fixed Mica Dielectric, based on type CMR02	2	9512		
3007/003	Capacitors Fixed Mica Dielectric, based on type CMR03	2	9512		
3007/004	Capacitors Fixed Mica Dielectric, based on type CMR04	2	9512		



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 11	Status			
		Issue	Date	Rev.	Date
3008	Generic Specification for Capacitors and Capacitor Filters Feedthrough.	4	9706	A	9904
3008/001 MS	Capacitor Filters Feedthrough Electromagnetic Interference Suppression, based on type 1270/712	4	9605		
3008/014	Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP040	1	9309	B	9508
3008/020	Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Hermetically sealed(one end only), based on type SFC030	1	9606	A	9704
3008/021	Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFP060	1	9606		
3008/025	Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP035	1	9606		
3008/026	Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFC060	1	9606	A	9704
3008/027	Capacitor Filters C-Type FeedThrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFC100	1	9606	A	9704
3008/028	Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFP100	1	9606	A	9704
3008/029	Capacitor Filters L-Type Feedthrough Electromagnetic Interference Suppression Hermetically Sealed, based on type SFL100	1	9606	B	9809
3008/030	Capacitor Filters PI-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFP060	1	9606		
3008/031	Capacitor Filters Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC035	1	9606	A	9704
3008/032	Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC040	1	9606	A	9704
3008/033	Capacitor Filters C-Type Feedthrough Electromagnetic Interference Suppression Non-Hermetically Sealed, based on type SFC060	1	9606	A	9704



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		Issue	Date	Rev.	Date
3009	Generic Specification for Capacitors Fixed Chips Ceramic Dielectric Types I and II	6	9705	C	0108
3009/003	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 0805	6	9409	C	9805
3009/004	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1210	6	9409	D	9805
3009/005	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1812	6	9409	C	9805
3009/006	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 2220	6	9409	D	9805
3009/007	Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 1805	6	9409	A	9512
3009/008	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 0805	7	0202		
3009/009	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1210	7	0206		
3009/010	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1812	7	0206		
3009/011	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 2220	7	0206		
3009/012	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1805	6	9409	B	0206
3009/013	Capacitors Fixed Button Ceramic Dielectric Type I, based on type CFC908	5	9409	A	9604
3009/016	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency Type I, based on types CDR11 and CDR12	3	9409	A	9604
3009/017	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency Type I, based on types CDR13 CDR14 and CDR21	3	9409	A	9604
3009/022 MS	Capacitors Fixed Chips Ceramic Dielectric Type I, Based on type 1206	2	9409	C	9805
3009/023 MS	Capacitors Fixed Chips Ceramic Dielectric Type II, based on type 1206	3	0206		
3009/034	Capacitors Fixed Chip High Voltage (1-3KV) Ceramic Dielectric Type II, based on types 1812 & 1825	1	9709	B	9904
3009/035	Capacitors Fixed Chips Multiple Layer Ceramic Dielectric High Frequency, based on Type CHA	1	9807		
3009/036	Capacitors Fixed chips Multiple Layer Ceramic Dielectric High Frequency, based on Type CHB	1	9807	A	0011



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 49	Status			
		Issue	Date	Rev.	Date
3010	Generic Specification for Capacitors Variable Concentric Trimmer	3	9904		
3010/004 MS	Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 7.6 mm	4	9508	B	0202
3010/005	Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 9.8 mm	4	9508	B	0202
3010/006	Capacitors Variable Concentric Trimmer Air Dielectric 1.4 to 14 pF Body Diameter 7.6 mm	4	9508	B	0202
3010/008	Capacitors Variable Concentric Trimmer Air Dielectric 1 to 20 pF Body Diameter 8 mm	3	9508	B	0202
3010/010	Capacitors Variable Concentric Trimmer Air Dielectric 0.8 to 6 pF Body Diameter 6.2 mm	3	9508	B	0202
3010/011	Capacitors Variable Concentric Trimmer Air Dielectric 1 to 10 pF Body Diameter 6.2 mm	3	9508	B	0202
3010/012	Capacitors Variable Concentric Trimmer Air Dielectric 0.6 to 3.5 pF Body Diameter 4.6 mm	3	9508	B	0202
3010/013	Capacitors Variable Concentric Trimmer Air Dielectric 0.6 to 5 pF Body Diameter 4.6 mm	3	9508	B	0202
3010/014	Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.8 to 8 pF Body Diameter 3.0 mm	3	9508	B	0202
3010/015	Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.6 to 4.5 pF Body Diameter 3.0 mm	3	9508	B	0202
3010/016	Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.4 to 2.5 pF Body Diameter 3.0 mm	3	9508	B	0202
3010/017	Capacitors Variable Concentric Trimmer Sapphire Dielectric 0.2 to 1.2 pF Body Diameter 1.9 mm	3	9508	B	0202



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 66	Status			
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3011	Generic Specification for Capacitors Chip Tantalum Solid Electrolyte	2	9708	C	0206
3011/001	Capacitors Chip Tantalum Solid Electrolyte, based on type 1005	1	9007	B	9803
3011/002 MS	Capacitors Chip Tantalum Solid Electrolyte, based on type 1505	1	9105	A	9803
3011/003	Capacitors Chip Tantalum Solid Electrolyte, based on type 2005	1	9105	A	9803
3011/004	Capacitors Chip Tantalum Solid Electrolyte, based on type 1510	1	9105	A	9803
3011/005	Capacitors Chip Tantalum Solid Electrolyte, based on type 2010	1	9105	A	9803
3011/006	Capacitors Chip Tantalum Solid Electrolyte, based on type 2213	1	9105	A	9803
3011/007	Capacitors Chip Tantalum Solid Electrolyte, based on type 2611	1	9105	A	9803
3011/008	Capacitors Chip Tantalum Solid Electrolyte, based on type 2815	1	9105	B	9803



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 71	Status			
		Issue	Date	Rev.	Date
3012	Generic Specification for Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte Enclosed Anode Connection	2	9801	C	0207
3012/001	Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte Enclosed Anode Connection, based on type TAJ	2	0206		
3012/002 MS	Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte, based on type CTC21	1	9606	B	0206
3012/003	Capacitors, Leadless Surface Mounted, Tantalum, Solid Electrolyte, based on type CTC21E	1	0207		



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 63	Status			
		Issue	Date	Rev.	Date
2023102	Checklist for Waveguide Devices Manufacturer and Line Survey	1	9411		
2053102	External Visual Inspection of Waveguide Devices	1	9409		
3102	Generic Specification for Waveguide Filters and Multiplexers with Waveguide and Coaxial Interfaces	1	9311	C	9904
3102/001 MS	Waveguide Diplexers with Waveguide and Coaxial Interfaces 4-18Ghz, based on series WM***	1	9311	B	9506



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 12	Status			
		Issue	Date	Rev.	Date
3201	Generic Specification for R.F. Coils Fixed	3	9506	C	9904
3201/006 MS	R.F. Coil Fixed, based on type S150	2	9512	A	9811
3201/008	RF Inductors Fixed Miniature Moulded SMD, based on series MSC1 10K and MSC1 12K	2	0101	A	0202
3201/009	Power Inductors, Moulded, SMD, based on Series SESI	1	0207		



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		Issue	Date	Rev.	Date
2263202	Evaluation Test Programme for Ferrite Microwave Components (Isolators and Circulators)	2	9401		
3202	Generic Specification for Ferrite Microwave Components Isolators and Circulators	2	9708	A	9904
3202/018 MS	Circulators Coaxial/Drop-In 420MHz-18GHz, based on series 10*xxxx and 19*xxxx	1	9403	A	9504
3202/019	Isolators Coaxial/Drop-In 420MHz-18GHz, based on series 20*xxxx and 29*xxxx	1	9403	A	9504
3202/020 MS	Isolators Waveguide 2.5-40 GHz, based on series **HD***	1	9403		
3202/021 MS	Circulators Waveguide 2.5-40 GHz, based on series **CD****	1	9403	A	9501
3202/025	Isolators Miniature Drop-In 4-18GHz, based on series F9*xxxx and H9*xxxx	2	9512		



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 83	Status			
		Issue	Date	Rev.	Date
2023400	Checklist for Connectors Manufacturer and Line Survey	1	9411		
2053400	External Visual Inspection of Electrical Connectors	2	9709		
2133400	Terms Definitions Abbreviations Symbols and Units for Electrical Connectors	1	9409	A	9505
2263400	Evaluation Test Programme for Connectors	1	9409		



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ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 13	Status			
		Issue	Date	Rev.	Date
3401	Generic Specification for Connectors Electrical Non-Filtered Circular and Rectangular	7	9611	B	9904
3401/001 MS	Connectors Electrical Rectangular Non-Removable Solder Bucket PCB and Wire-Wrap Contacts and Removable Coaxial and Power Contacts, based on type D*M	7	9805	A	0002
3401/002 MS	Connectors Electrical Rectangular Removable Crimp Contacts, based on type D*MA	5	9809	A	0002
3401/004	Contacts Coaxial Crimp-type and Solder-Type for 3401/001 and 3401/002 Connectors	1	8609	B	9105
3401/005	Contacts Electrical Crimp for 3401/002 Connectors	4	9309	C	0002
3401/007	Connectors Miniature Electrical Circular Bayonet Coupling Crimp-Type Removable Contacts, based on type DFE	1	7902	A	8406
3401/008	Connectors Miniature Electrical Circular Push-Pull Coupling Removable Crimp Contacts, based on type DBAS	5	9805	A	0203
3401/009	Contacts Electrical Crimp for 3401/007 and 3401/008 Connectors	3	9805	C	0203
3401/011	Connectors Subminiature Electrical Rectangular Central Jackscrew Coupling Crimp-Type Removable Contacts, based on type UR	4	0108		
3401/012	Contacts Electrical Subminiature Crimp-Type for 3401/011 Connectors	3	0108	A	0203
3401/016	Connectors Electrical for Printed Circuit Boards Removable Contacts Crimp Wire-Wrap Solder and Saver, based on type HE801	6	9804	A	0011
3401/017	Contacts Electrical Crimp Wire-Wrap Solder and Saver for 3401/016 Connectors	3	9701	A	9804
3401/020	Connector Savers Electrical Rectangular Miniature Removable Contacts, based on type D*BMA	2	9602	A	0002
3401/021	Contacts Electrical Male/Female Type for 3401/020 Connector Savers	2	9602	B	0002
3401/022 MS	Accessories for Rectangular Connectors 3401/001 and 3401/002 and Connector Savers 3401/020	4	9512	C	0002
3401/023	Connectors Miniature Electrical Circular Push-pull Coupling Hermetic Receptacle, based on type DBA 7*H	1	8210	A	9003
3401/029	Connectors Electrical Rectangular Microminiature, based on type MDM	3	0108	B	0209
3401/031	Connectors Electrical Single-in-Line Microminiature, based on type MTB1	2	0209		
3401/032	Accessories for Connectors Microminiature 3401/029 and Connector Savers 3401/041	2	9007	B	9704
3401/033	Connectors Savers Electrical Circular Miniature non-removable, based on type DBAS	1	9708	C?	0112
3401/039	Connectors Electrical for Printed Circuit Boards Non-Removable Solder and Wire-Wrap Contacts and Connector Savers, based on type KMC	4	9804		



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		Issue	Date	Rev.	Date
3401/040	Contacts Power Crimp-Type and Solder Type for 3401/001 and 3401/002 Connectors	1	8911	B	0207
3401/041	Connector Savers Electrical Rectangular Microminiature, based on type MDM	3	0207		
3401/043	Connectors Miniature Electrical Circular Bayonet Coupling Hermetic Receptacle, based on type DBC5*H	1	8902	A	8910
3401/044	Connectors Electrical Circular Bayonet Coupling Removable Crimp Contacts, based on MIL-C-38999 SeriesII	2	0604		
3401/045	Contacts Electrical Crimp Type for 3401/044 Connectors	1	9304	A	9503
3401/052 MS	Connectors Electrical Circular Bayonet Coupling Scoop-Proof Removable Crimp-Type Contacts, based on MIL-C-38999 SeriesI	2	0206		
3401/056	Connectors Miniature Electrical Circular Triple-Start Self-Locking Coupling Scoop-Proof Removable Crimp Contacts, based on MIL-C38999 series III	3	0007	A	0206
3401/057	Connectors Miniature Electrical Circular Triple-Start Self-Locking Coupling Scoop-Proof Hermetic Receptacle and Feedthrough, based on MIL-C-38999 SeriesIII	2	0007	A	0109
3401/058 MS	Contacts Electrical Crimp for 3401/052 and /056 Connectors	1	9304	A	9505
3401/060	Connectors Electrical Rectangular Multiple Insert Type Rack and Panel Removable Crimp Contacts, based on MIL-C83527	1	9409	A	9505
3401/061	Contacts Electrical Crimp for 3401/060 Connectors	1	9409	A	9505
3401/062	Accessories for Circular Connectors 3401/044 3401/052 and 3401/056	1	9409	B	0011
3401/063	Connector Savers for Electrical Circular Connectors 3401/044, 3401/052, and 3401/056	1	9409	A	9809
3401/064	Accessories for Circular Connectors 3401/008 (DBAS)	1	9605	C	0005
3401/065	Connectors and Savers Electrical Rectangular Non-Removable PCB Contacts, based on type MHD	1	9804	B	0101
3401/066	Contacts Electrical Triax Crimp for 3401/056 Connectors	1	0002		
3401/069	Contacts Electrical Twinax Crimp for 3401/001 Connectors	1	9904		
3401/070	Connector Receptacles Electrical Circular Triple-Start Self-Locking coupling Scoop-proof, P.C.B. Non-Removable Contacts Based on MIL-C38999 Series III	1	0006		
3401/072	Lightweight accessories for rectangular connectors 3401/001 and 3401/002	1	0207		



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 14	Status			
		Issue	Date	Rev.	Date
3402	Generic Specification for Connectors RF Coaxial	8	9705	A	9904
3402/001 MS	RF Coaxial Connectors Type SMA 50 Ohms (Male Contact)	5	9705	A	0207
3402/002 MS	RF Coaxial Connectors Type SMA 50 Ohms (Female Contact)	5	9705	A	0207
3402/003 MS	RF Coaxial Connectors Type SMA 50 Ohms Adaptors and Connecting Pieces	5	9705		
3402/004	RF Coaxial Connectors Type SSMA (Male Contact)	3	9508	A	9511
3402/005	RF Coaxial Connectors Type SSMA (Female Contact)	3	9508	A	9511
3402/006	RF Coaxial Connectors Type SSMA Adaptors and Connecting Pieces	3	9508	A	9511
3402/008	RF Coaxial Connectors Type TNC 50 Ohms (Male contact)	1	9409	B	9511
3402/009	RF Coaxial Connectors Type TNC 50 Ohms (Female Contact)	1	9409	C	9711
3402/010	RF Coaxial Connectors Type TNC 50 Ohms Adaptors and Connecting Pieces	1	9409	C	9511
3402/011	RF Coaxial Connectors Blind-mate Slide-on, based on type SBMA (male contact)	2	9805		
3402/012	RF Coaxial Connectors Blind-Mate Slide-On, based on type SBMA(female contact)	2	9805		
3402/013	RF Coaxial Connectors Blind Mate Slide-On, based on type BMA (male contact)	2	9805		
3402/014	RF Coaxial Connectors Blind Mate Slide-on, based on type BMA (Female contact)	1	9410	C	9805



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		Issue	Date	Rev.	Date
3405	Generic Specification for Connectors Electrical Filtered Circular & Rectangular	2	9904		
3405/001 MS	Connectors Electrical Filtered Rectangular Non-Removable Solder Bucket Contacts, based on type D*J	1	9402	A	9501



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		Issue	Date	Rev.	Date
3403	Generic Specification for Attenuators and Loads RF Coaxial Fixed	3	9505	C	0202
3403/004	Fixed Coaxial Loads 0-18Ghz	1	8202	A	8908
3403/005	RF Attenuators Fixed Coaxial, 0-20dB 0-22Ghz	2	9910	A?	0202
3403/006	RF Loads Fixed Coaxial 0-22GHz	2	9910	A?	0202
3403/007 MS	Flange Loads High Power 50 Ohms, based on type EMC8745	1	9412	A	9611



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3404	Generic Specification for Power Dividers Couplers RF Coaxial	2	9510	B	9904
3404/001	Power Dividers Unsealed 4-Port Quadrature 3dB SMA Connectors 01-18Ghz, based on type R433*11600	2	9604		
3404/004 MS	RF Power Dividers Unsealed 4-Port Quadrature SMA Connectors 3DB 1-18GHz	2	9110		
3404/005	RF Couplers Unsealed SMA Connectors 4-30dB 1-22 GHz	1	9111	A	9402



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		Issue	Date	Rev.	Date
2023501	Checklist for Quartz Crystals Manufacturers and Line Survey	1	9411		
2043501	Internal Visual Inspection of Quartz Crystal Units	1	9409	A	9709
2053501	External Visual Inspection of Quartz Crystal Units	1	9409	A	9709
2093501	Radiographic Inspection of Quartz Crystal Units	1	9409		
2263501	Evaluation Test Programme for Quartz Crystal Units	1	0102		



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		Issue	Date	Rev.	Date
3501	Generic Specification for Quartz Crystal Units	5	0206		
3501/001	Crystal Units in Metal Holder, based on type T807, Frequency range:4.0-140MHz.	3	9802	C	0005
3501/002	Crystal Units In Metal Holder, based on type T1507, Frequency Range:2.5-20 MHz.	4	9802	B	0005
3501/003	Crystal Units in Metal Holder, based on type T2111, Frequency Range: 0.8-50MHz.	3	9802		
3501/006	Crystal Units in Glass Case Frequency Range 2.5 to 300MHz, based on type DA (HC-27/U)	3	9802		
3501/008 MS	Crystal Units in Metal Holder, based on type T807, frequency range 4.0-140MHz.(Follow-up specification to ESA/SCC No.3501/001)	3	9809	B	0005
3501/009	Crystal Units in Metal Holder, based on type T1507, Frequency Range 2.5-20MHz (follow-up specification to ESA/SCC 3501/002)	2	9810	C	0106
3501/011	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)	2	9812	A	0005
3501/012	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)	2	0206		
3501/013	Crystal Units for Surface Mounting based on Type 101, Frequency Range 10-30MHz	1	0209		
3501/014	Crystal Units based on Type 76 Frequency Range 1.5-30MHz	1	0209		
3501/015	Crystal Units based on Type 47, Frequency Range 5-160MHz	1	0209		
3501/016	Crystal Units in Metal Holder, based on Type T807, 50G, Frequency Range 4.0 to 140MHz	1	0209		
3501/017	Crystal Units in Metal Holder, based on Type T1507, 50G, Frequency Range 2.5 - 20MHz	1	0209		
3501/018	Crystal Units in Metal Holder, Based on Type T807, Frequency Range 4.0 - 140MHz Follow-up specification to ESA/SCC 3501/001, 3501/008, 3501/011 and 3501/012	2	0209		
3501/019	Crystal Units in Metal Holder, Based on Type T1507, Frequency Range 2.5-50MHz, Follow-up to 3501/002 and 3501/009	2	0209		
3501/020	Crystal Units in Metal Holder, Base don Type T2111, Frequency Range 0.8-50MHz, Follow-up to 3501/003	2	0209		
3501/021	Crystal Units in Glass Case, Based on Type DA (HC-27/U), Frequency Range 2.5-300MHz Follow-up to 3501/006	2	0209		



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		Issue	Date	Rev.	Date
2023502	Checklist for Surface Acoustic Wave (SAW) Devices Manufacturer and Line Survey	1	9411		
2043502	Internal Visual Inspection of Surface Acoustic Wave (SAW) Devices	1	9409		
2053502	External Visual Inspection of Surface Acoustic Wave (SAW) Devices	1	9409		
2093502	Radiographic Inspection of Surface Acoustic Wave (SAW) Devices	1	9409		
2263502	Evaluation Test Programme for Surface Acoustic Wave (SAW) Devices.	2	9409		
3502	Generic Specification for Surface Acoustic Wave (SAW) Devices (Filters)	2	9708	A	9904
3502/001	Surface Acoustic Wave (SAW) Bandpass Filter Operating in the Frequency Range 10-200 MHz	1	9311	A	9406



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2023600	Checklist for Relays Manufacturer and Line Survey.	1	9411		
2043600	Internal Visual Inspection of Electromagnetic Relays	1	9306		
2053600	External Visual Inspection of Electromagnetic Relays	1	9409		
2133600	Terms Definitions Abbreviations Symbols and Units for Electromagnetic Relays	1	9409		
2263600	Evaluation Test Programme for Electromagnetic Relays	1	9802		



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		Issue	Date	Rev.	Date
3601	Generic Specification for Relays Electromagnetic Non-Latching	5	9904		
3601/001 MS	Relays Electromagnetic Non-Latching 28Vdc 10A 2PDT	5	0202		
3601/002	Relays Electromagnetic Non-Latching 28Vdc 1A 2PDT TO5 Can	6	9507	A	0101
3601/003 MS	Relays Electromagnetic Non-Latching 28Vdc 2A 2PDT 1/2 Crystal Can	6	9507	B	0101
3601/004	Relays Electromagnetic Non-Latching 28Vdc 10A 2PDT, based on type GP7	3	9802	B	0101
3601/007	Relays Electromagnetic Non-Latching 26.5Vdc 15A 2PDT	3	0101	A?	0202
3601/009 MS	Relays Electromagnetic Non-Latching 28Vdc 25A 3PDT	2	9507	B?	0202
3601/012	Relays Electromagnetic Non-Latching 1A 28Vdc 2PDT 1/6 Crystal Can	2	9508	B	0101



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3602	Generic Specification for Relays Electromagnetic Latching	5	9904		
3602/001 MS	Relays Electromagnetic Latching 28Vdc 10A 2PDT	4	0202	A	0206
3602/002 MS	Relays Electromagnetic Latching 28Vdc 1A 2PDT TO5 Can	7	0101	B	0206
3602/003	Relays Electromagnetic Latching 28Vdc 2A 2PDT 1/2 Crystal Can	5	9510	B	0101
3602/004	Relays Electromagnetic Latching 28Vdc 15A 4PDT	7	0101	A?	0202
3602/005	Relays Electromagnetic Latching 10A 50 Vdc, based on type GP3A	5	9510	B	0206
3602/006 MS	Relays Electromagnetic Latching 28Vdc 25A 3PDT	3	9510	B?	0202
3602/009	Relays Electromagnetic Latching 28 Vdc 15A 2PDT	4	0101	A?	0202
3602/010	Relays Electromagnetic Latching 50 Vdc 2A 2PDT 1/2 Crystal Can, based on type GP250	3	9510	C	0101
3602/014	Relays Electromagnetic Latching 50Vdc 50A 1PDT	2	9511	C?	0202
3602/019	Relays Electromagnetic Latching 1A 28Vdc 2PDT 1/6 Crystal Can	3	0101		



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3603	Generic Specification for Relays Electromagnetic RF Coaxial Switch Latching	1	9908		
3603/002	Relays Electromagnetic RF Coaxial Switch Latching Single Pole Double Throw SMA Connectors (BBM) with Indicator Circuit	1	9908		
3603/006	Relays Eelectromagnetic, RF Coaxial Switch, Latching, 3/3/5 Matrix, SMA Connectors (BBM) with Indicator Circuit	1	0003		



ESA/SCC Document or Spec. Number	Specification Title Class of Publication: 59	Status			
		Issue	Date	Rev.	Date
2043701	Internal Visual Inspection of Electromechanical Switches	1	9407		
2053701	External Visual Inspection of Electromechanical Switches	1	9407		
3701	Generic Specification for Electromechanical Switches	3	9904	A	0002
3701/001 MS	Toggle Switches, based on series 12100 and 11100	2	9201		
3701/003 MS	Microswitches Sensitive 1PDT, based on series T3	2	9907	B	0005



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		Issue	Date	Rev.	Date
3702	Generic Specification for Switches Thermostatic Bimetallic Hermetically Sealed.	3	0206		
3702/001 MS	Switches Thermostatic Bimetallic SPDT Opening Contact	4	0002	B	0107



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3901	Generic Specification for Wires and Cables Electrical 600V Low Frequency	5	9904	B?	0202
3901/001	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C	3	9601		
3901/002	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C	3	9601		
3901/005	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +150 degree C	3	9601		
3901/006	Polyimide Insulated Wires and Cables Low Frequency 600V -100 to +150 degree C	3	9601		
3901/007	Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPA2110	2	9601		
3901/008	Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPB2110	2	9601		
3901/009	Polyimide Insulated Wires and Cables Low Frequency 600V -150 to +150 degree C, based on type SPC2110	2	9601		
3901/011	Extruded Crosslinked Fluoropolymer Insulated Wires and Cables on Tin Plated Copper Conductor Low Frequency 600V -100 to +150 degree C	2	9601		
3901/012	Extruded Crosslinked Fluoropolymer Insulated Wires and Cables on Silver Plated Copper Conductor Low Frequency 600V -100 to +200 degree C	2	9906	B	0011
3901/013	PTFE Insulated Wires and Cables Low Frequency 600V -100 to +200 degree C	2	9601	A	9901
3901/014 MS	Polyimide Insulated Shielded Cables with Drain Wires Low Frequency 600V -150deg.C +200deg.C, based on type SPA2110	1	9007	B	9605
3901/017	Power Wires for Crimping Low Frequency 600V -200 to +200 degree Celsius, based on type SPP	1	9306	A	9404
3901/018	Polyimide/Fluorthermoplast Insulated Wires and Cables Low Frequency 600V -200 to +200 degree Celsius, based on type SPM	1	9306	A	9404
3901/019	Polyimide Insulated Wires and Cables Low Frequency 600V -200 to +200 degree C, based on type SPL	1	9306	A	9504
3901/020	Extruded Cross-Linked Modified ETFE Insulated Wires & Cables on Silver-Plated Copper Conductors Lightweight Braided Low Frequency 600V -100 to +200 degree C	1	9506	C	0011
3901/021	Polyimide Insulated Shielded Cables With Drain Wire Low Frequency 600V -200 to +200 degree C, based on type SPLD	1	9506		
3901/022	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	2	0011		
3901/024	Wires and Cables, Fluoropolymer Insulated, Low Frequency, 600V, -200 to + 200 degC, Based on Type CSWL	1	0204		



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3902	Generic Specification for Cables Coaxial Radio Frequency Flexible	4	9504	C	9904
3902/001	Cables Coaxial Radio-Frequency Flexible 50 ohms Miniature PTFE Dielectric Polyimide Jacket, based on type 50CIS	4	9804	A	0005
3902/002 MS	Coaxial Triaxial and Symmetric Cables Flexible -200 to +180 degreeC	2	9807	A	9901



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		Issue	Date	Rev.	Date
3903	Generic Specification for Solid Wires Electrical 350 Volts for Wire Wrapping	2	9904		
3903/001 MS	Kynar Insulated Solid Wires for Wire Wrapping 350V -60 to +100 degree Celsius, based on type FA3903-WY	1	9403	A	9509
3903/002	PFA Insulated Solid Wires for Wire Wrapping 350V -100 to +200 degree Celsius, based on type FA3903WP	1	9403	A	9509



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2024000	Checklist for Resistors Manufacturer and Line Survey	1	9411		
2044000	Internal Visual Inspection of Resistors	1	9409		
2054000	External Visual Inspection of Resistors	1	9409		
2094000	Radiographic Inspection of Resistors	1	9409		
2134000	Terms Definitions Abbreviations Symbols and Units for Resistors	1	9409		
2264000	Evaluation Test Programme for Resistors	1	9409		



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4001	Generic Specification for Resistors Fixed Film	7	9904		
4001/001	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC55	4	9605	C	9904
4001/002	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC60	4	9605	B	9904
4001/003	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC65	4	9605	B	9904
4001/005	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR05	4	9605	B	9907
4001/006	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR07	4	9605	A	9801
4001/007	Resistors Fixed Film Non-Hermetically Sealed, based on type RLR20	4	9605	A	9801
4001/009	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC50	3	9605	C	9904
4001/010	Resistors Fixed Film Non-Hermetically Sealed, based on type RNC70	3	9605	B	9904
4001/011	Resistors Fixed Film Non-Hermetically Sealed, based on type RS92 (RNC90)	4	9606		
4001/016 MS	Resistors Fixed Chips Film, based on types CHP HR0505	1	9605	A	0102
4001/017	Resistors Fixed Chips Film, Based on types CHP HR0705	1	9604	A	0101
4001/018	Resistors Fixed Chips Film, based on types CHP HR0805	1	9604	A	0102
4001/019	Resistors Fixed Chips Film, based on types CHP HR1010	1	9605	A	0101
4001/020	Resistors Fixed Chips Film, based on type CHP HR1206	1	9604	B	0109
4001/021 MS	Resistors Fixed Surface Mount Film Non-Hermetically sealed, based on types SMC3	1	9604	A	9711
4001/022	Resistors, Fixed, Surface Mount Film, Non-Hermetically Sealed, Based on Type MS1	2	0206		
4001/023	Resistors fixed film chips, based on type P HR	1	9907	C	0209
4001/024	Resistors, Fixed, Thick Film, Radial Leads and Surface Mount, Non-Hermetically Sealed, based on type RTO HR 50	1	0010	A	0101



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4002	Generic Specification for Resistors Fixed Wirewound	4	9609	C	9904
4002/001	Resistors Fixed Wirewound Accurate, based on type RBR56	3	9805	A	9904
4002/003 MS	Resistors Fixed Wirewound, based on type RWR80	3	9104	C	9904
4002/004	Resistors Fixed Wirewound, based on type RWR89	3	9104	C	9904
4002/005	Resistors Fixed Wirewound, based on type RWR81	2	9104	B	9904
4002/006	Resistors Fixed Wirewound Accurate, based on type RBR54	2	9904		
4002/007	Resistors Fixed Wirewound Accurate, based on type RBR55	2	9904		
4002/009	Resistors Fixed SMD Wirewound, based on Type MSP BHR	1	9903		



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4003	Generic Specification for Resistors Fixed Wirewound (Power-Type Chassis-Mounted)	5	9705	A	9904
4003/001	Resistors Fixed Wirewound Power-Type Chassis-Mounted 5W Semi-Precision, based on type RER60	3	9011	B	9611
4003/002	Resistors Fixed Wirewound Power-Type Chassis-Mounted 10W Semi-Precision, based on type RER65	3	9403	A	9701
4003/004	Resistors Fixed Wirewound Power-Type Chassis-Mounted 5W Semi-Precision, based on type RER40	2	7904	B	9611
4003/008	Resistors Fixed Wirewound Power-Type Chassis-Mounted 30W Semi-Precision, based on type RER75	2	7904	B	9611



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4005	Generic Specification for Resistors Network Thick Film	4	9904		
4005/002 MS	Resistor Networks Thick Film, based on type ENG2096	2	9508		
4005/003 MS	Resistor Networks Thick Film, based on S.I.L Packages	2	9901		



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4006	Generic Specification for Thermistors (Resistors Thermally Sensitive)	3	9706	A	9904
4006/001 MS	Thermistors (Resistors Thermally Sensitive) Range 2000 to 15000 Ohms at +25 degree C with a Temperature Range of -40 to +160 degree C	2	9511	B	0112
4006/002	Thermistors (Resistors Thermally Sensitive), based on type 34TD25A	2	9508	A	9708
4006/012	Thermistors(thermally sensitive resistors) NTC Chip Style, based on series 196-xxxxAG-001	1	9603		
4006/013	Thermistors (Thermally Sensitive Resistors) Range 1000 to 5000 Ohms at +25C with a Temperature Range of -55 to +150 C	1	9802	B	0202
4006/014	Thermistors (thermally Sensitive Resistors) Range 2000 to 100000 Ohms at +25C with a Temperature Range of -40 to +160 C	1	9710	C	0202



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2054009	External Visual Inspection of Flexible Heaters	1	9802		
4009	Generic Specification for Resistors Heaters Flexible	3	9605	B	9904
4009/002	Resistors Heaters Flexible Single and Double Layer, Follow-up Specification for ESA/SCC Detail Specification No. 4009/001	1	9801	A	0207



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2025000	Ckecklist for Semiconductors Manufacturer and Line Survey	1	9411		
2045000	Internal Visual Inspection of Discrete Non-Microwave Semiconductors	2	9510		
2055000	External Visual Inspection of Discrete Non-Microwave Semiconductor Devices	1	9409	A	9707
2095000	Radiographic Inspection of Discrete Non-Microwave Semiconductors	1	9409		
2135000	Terms Definitions Abbreviations Symbols ans Units for Discrete Non-Microwave Semiconductor Devices	1	9409		
2145000	Scanning Electron Miscroscope (SEM) Inspection of Semiconductor Dice for Discrete Non-Microwave Semiconductor Devices	1	9409	A	0206
2265000	Evaluation Test Programme for Discrete Non-Microwave Semiconductors	1	9205	A	9504
5000	Generic Specification for Discrete Semiconductor Components	9	9906	A	0012



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2045010	Internal Visual Inspection of Microwave Devices	3	0102		
2145010	Scanning Electron Microscope (SEM) Inspection of Semiconductor Dice for Discrete Microwave Semiconductor Devices	1	9409		
2265010	Evaluation Test Programme for Discrete Microwave Semiconductors	1	9209	C	9504
5010	Generic Specification for Discrete Microwave Semiconductor Components	5	9803	C	0106



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5201/001	Transistors Low Power NPN, based on type 2N2484	5	9608	B	9906
5201/002	Transistors Low Power NPN, based on type 2N2222A	4	9608	C	0101
5201/003	Transistors Low Power NPN, based on type 2N2219A	5	8701	C	9608
5201/004	Transistors Low Power NPN, based on type 2N3700	5	9910		
5201/006	Transistors Low Power NPN, based on type 2N2369A	3	9608	B	9906
5201/010	Transistors Low Power NPN, based on type 2N3866	2	7903	A	9202
5201/011	Transistors Low Power RF NPN, based on type 2N3019	2	0102		
5201/013	Transistors Low Power NPN, based on types 2N3498 thru 2N3501	4	9503	A	9511
5201/014	Transistors Low Power NPN, based on type 2N2857	3	8611	B	9608
5201/015	Transistors Low Power NPN, based on type BSX39	1	8306	B	9506
5201/019	Transistors High Voltage NPN, based on type 2N5551	1	9704	B	0205



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5202/001	Transistors Low Power PNP, based on type 2N2907A	6	9608	C	9906
5202/002	Transistors Low Power PNP, based on type 2N2905A	5	8405	D	9608
5202/004	Transistors Low Power PNP, based on types 2N2894 and 2N2894A	3	9608	B	9906
5202/008	Transistors Low Power PNP, based on type 2N4033	3	9910	A	0101
5202/014	Transistors Low Power PNP, based on type 2N5401	1	9704	A	9906
5202/015	Transistors Low Power PNP, based on type 2N3962	1	9704	A	0002



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5203/004	Transistors High Power NPN, based on type 2N5672	2	7903	B	9410
5203/010	Transistors High Power NPN, based on type 2N5154	4	9801		
5203/011	Transistors High Power NPN, based on types 2N3439 and 2N3440	4	9608		
5203/013	Transistors High Power NPN, based on type 2N5004	3	8202	C	9202
5203/014	Transistors High Power NPN Isolated Collector, based on type 2N3749	2	8306	B	9608
5203/016	Transistors High Power NPN, based on type BUX77	4	9801		
5203/021	Transistors High Power NPN, based on type 2N6032	3	8408	A	9202
5203/022	Transistors NPN Power Switching, based on type 2N5074	2	8306	B	9608
5203/025	Transistors Power NPN, based on type 2N2880	3	9801	A	9809
5203/026	Transistors High Power NPN, based on type 2N6033	3	8408	A	9202
5203/027	Transistors High Power NPN, based on type 2N3767	2	8512	A	9202
5203/029	Transistors High Power NPN, based on type 2N6275	2	8301	B	9608
5203/030	Transistors High Power NPN, based on type BUR14	1	8306	C	9608
5203/031	Transistors High Power NPN, based on type 2N2814	1	8111	A	9202
5203/032	Transistors High Power NPN, based on type 2N5539	1	8812	B	9608
5203/033	Transistors High Power NPN, based on type 2N3999	1	8209	A	9202
5203/035	Transistors Switching Power NPN, based on type 2N5542	1	8209	A	9202
5203/036	Transistors High Power NPN, based on type SDT79823	1	8203	A	9202
5203/037	Transistors High Power NPN, based on type 2N5660 through 2N5663	2	8812	B	9608
5203/038 MS	Transistors High Power NPN, based on types 2N5664 through 2N5667	3	9411	A	9609



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5204/002	Transistors High Power PNP, based on type 2N5153	4	9801		
5204/005	Transistors High Power PNP, based on type 2N5005	4	8802	A	9202
5204/006	Transistors High Power PNP, based on type BUX78	4	9801		



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5205/003	Transistors Field-Effect N-Channel, based on types 2N4391/2N4392 and 2N4393	2	7903	B	9202
5205/004	Transistors Field-Effect N-Channel, based on types 2N4416 and 2N4416A	2	7903	B	9202
5205/007	Transistors Field-Effect N-Channel, based on types 2N4091/2N4092 and 2N4093	2	7903	A	9202
5205/013	Transistors Power Field-Effect N-Channel, based on types 2N6764/2N6766 and 2N6768	2	8303	C	9303
5205/014	Transistors MOS FET N-Channel Power, based on type 2N6782	1	8403	D	9303
5205/019	Transistors MOSFET N-Channel Power, based on types 2N6796/6798/6800/6802	1	8512	D	9410
5205/020	Transistors MOSFET Power N-Channel, based on types IRFY044, 120, 130, 140, 240, 340, 430, 440	1	9411	A	9512



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5206/003	Transistors MOSFET P-Channel Power, based on types 2N6849 and 2N6851	1	8512	D	9402
5206/004	Transistors MOSFET P-Channel Power, based on types 2N6804 and 2N6806	1	8512	D	9402
5206/005	Transistors MOSFET Power P-Channel, based on types IRFY9120, 9130, 9140, 9240	1	9411		
5206/006 MS	Transistors MOSFET P-Channel Power, based on type IRF9140	2	9202		



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5207/002	Matched Dual Transistors NPN, based on types 2N2919/2N2920 and 2N2920A	6	9803	C	0002
5207/003	Matched Dual Transistors NPN, based on type 2N3350	3	9901	C	0002
5207/005	Transistors Matched Dual PNP, based on types 2N3810 and 2N3811	6	9901	B	9911
5207/006	Transistors Quadruple PNP Silicon Transistor Array, based on type MQ3467	2	9608		
5207/008	Transistors Matched Dual NPN, based on types MD2369A and MD2369AF	2	8606	A	9202
5207/012	Transistors Dual NPN, based on type MD2219AF	2	9608		
5207/013	Transistors Dual PNP, based on types MD2905AF and MD2905A	2	9608		
5207/019	Transistors Quadruple PNP Silicon Array, based on type S501T	1	8710	B	9608
5207/020	Transistors Quadruple NPN Silicon Array, based on type S502T	1	8710	B	9608



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5208/003	Transistors Switching PNP, based on types 2N3636 and 2N3637	2	8507	C	9503
5208/005	Transistors NPN Power Transistor, based on type 2N5926	1	8005	B	9608
5208/006	Transistors Power NPN, based on type 2N3599	1	8002	B	9608
5208/007	Transistors Power NPN, based on type 2N6307	1	8010	B	9608
5208/008	Transistors Power Switching NPN, based on type 2N4150	1	8304	B	9608
5208/009	Transistors Silicon Switching PNP, based on type 2N3467	1	8406	B	9608



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5401/001	Opto-Isolators, based on types 3C91 and 3C92	4	9805		
5401/003	Opto Couplers Inverted Dual Channel, based on type 6N134	1	8002	B	9202
5401/005	Opto Couplers, based on type CNY18	2	8505	A	9202



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5402/005	Light Emitting Diode Infrared GaAlAs Hermetic, based on type OP224	1	9310		



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5101/005	Fast Recovery Avalanche Rectifiers 400mW, based on types BYX57500 and BYX57600	4	9202		
5101/006	Diodes Switching, based on type 1N3595	3	9109	B	9511
5101/007	Diodes Switching, based on type 1N3600	2	9202	B	9511
5101/011	Diodes Switching, based on types 1N5812 through 1N5816	2	9202		
5101/012	Diodes Switching Rectifier Low Power High Voltage, based on type F60A	2	9202		
5101/013	Diodes Switching, based on types 1N5807 through 1N5811	3	9202	A	9803
5101/014	Diodes Switching, based on types 1N5802, 1N5804 and 1N5806	4	9811		
5101/015	Diodes Silicon Fast Recovery Rectifier, based on type BYW56	3	9202		
5101/016	Diodes Switching, based on type 1N4153	2	9202	A	9511
5101/018	Diodes Switching Fast Recovery, based on type UTR6420	3	9202		
5101/023	Diodes Fast Switching, based on type 1N4148-1	2	9806	A	9904
5101/024	Diodes Switching, based on type 1N4150-1	2	9806	A	9904
5101/025	Diodes Switching, based on type 1N4151-1	2	9809		
5101/026	Diodes Silicon Switching, based on types 1N6638, 1N6642 and 1N6643	1	9705		
5101/027	Diodes Silicon Switching, based on types 1N6639, 1N6640 and 1N6641	1	9705		
5101/028	Diodes Switching, based on types 1N3595-1 and 1N3595US	1	9706	A	9801



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5102/002	Diodes Voltage Regulators, based on series BZX85C	3	8303	D	9607
5102/004	Diodes Voltage Reference 6.4V in DO-35 Case, based on types 1N4565A thru 1N4584A	4	8310	C	9307
5102/007	Diodes Low Noise Voltage Regulator, based on types 1N4099-1 thru 1N4135-1	1	9503		
5102/008	Diodes Voltage Reference 6.2V in DO35 Case, based on types 1N821A thru 1N829A	4	8406	A	9307
5102/010	Diodes Voltage Regulator, based on BZX55 series	4	8408	C	9607
5102/013	Diodes Voltage Reference, based on types 1N4954 thru 1N4995	1	7908	C	9607
5102/014	Diodes Voltage Reference, based on type 1N4372A	2	8701	B	9607
5102/015	Diodes Voltage Regulator, based on types 1N3821A through 1N3828A and 1N3015B through 1N3051B	1	8209	A	9307
5102/019	Diodes Low Noise Voltage Regulator, based on types 1N4614 through 1N4627 and 1N4614-1 through 1N4627-1	1	8809	C	9607
5102/020	Diodes Voltage Regulator Silicon, based on types 1N6485 to 1N6491 and 1N4460 to 1N4465	1	9311	A	9607
5102/021	Diodes Low Noise Voltage Regulator, based on types 1N6309 to 1N6355	1	9503		



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5103/001	Diodes Silicon Rectifier 400mW, based on types 1N645-649	3	8406	B	9307
5103/003	Diodes Silicon Power Rectifier, based on types 1N4383-4386	2	7903	B	9607
5103/004	Diodes Switching, based on type UTX4120	1	7907	B	9608
5103/005	Diodes Switching, based on type UTX225	2	9901		
5103/007	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5415 through 5420	1	8508	C	9607
5103/008	Diodes Rectifier, based on types 1N4942/4944/4946/4947/4948	2	7903	C	9607
5103/010	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N3890/3891/3893	4	8310	A	9307
5103/013	Diodes Silicon Fast Recovery Rectifier Low Forward Voltage Drop, based on series BYW77	2	8107	B	9307
5103/017	Diodes Rectifier Fast Recovery, based on types UES801/802/803 and UES801R/802R/803R	2	8503	B	9608
5103/018	Diodes Silicon Fast Recovery (Low Forward Voltage Drop), based on series BYW78	1	8306	C	9307
5103/021	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5615/17/19/21/23	4	9811		
5103/024	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5614/16/18/20/22	2	9811		
5103/025	Diodes Silicon Power Rectifier Fast Recovery, based on types BYV27/50, BYV27/100 and BYV27/150	1	8711	A	9307
5103/026	Diodes Silicon Power Rectifier Fast Recovery, based on types BYV61, 62 and 63	1	8711	A	9307
5103/027	Diodes Silicon Power Rectifier Fast Recovery, based on types 1N5550/51/52/53/54	1	8710	B	9307
5103/028 MS	Diode Rectifier Schottky, based on types 1N5817 to 1N5819	1	9303		
5103/029	Diodes, Silicon, Power Rectifier, High Efficiency, Fast Recovery, based on type BYW81-200	1	0010	A	0207
5103/030	Diodes, Silicon, Power Rectifier, High Efficiency, Fast Recovery, based on type BYV 52-200	1	0010	A	0207



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5106/002 MS	Diodes Switching Schottky Barrier, based on type 1N5712	2	9503		
5106/010	Diodes Switching, based on type 1N5711	1	8308	C	9608
5106/014	Diode Microwave Schottky Mixer Silicon, based on types BAT14 and BAT15	1	9106	C	9509
5106/015	Diodes Power Schottky Barrier, based on type 1N6391	1	9503		
5106/016	Diodes, Power, Schottky Barrier, based on type STPS20H100	1	0010	A	0207



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5107/001	Diodes Reference/Transient Suppressor, based on types 1N5555 through 1N5555,1N5629A through 1N5665A and 1N5907	3	8210	D	9608
5107/016	Diodes Voltage Variable Capacitor, based on types 1N5139A through 1N5148A	1	8806	A	9307
5107/022	Diodes Silicon Field Effect Current Regulator, based on types 1N5283 through 1N5314	1	8806	B	9608



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5511/001 MS	Diodes Microwave Gallium Arsenide Gunn, based on types ML4921 to 23, ML4931to33, ML4941to43, ML4951to53, ML4961to63, ML4971to73 and ML4981to83	1	9212	B	9312
5511/002	Diodes Microwave Gallium Arsenide Gunn, based on types ML4901 to ML4906 & ML4910 to ML4911	1	9305		



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5512/001 MS	Diodes Microwave Silicon Multiplier Varactor, based on types ML4402 ML4404 thru ML4409 and ML40721	1	9212	C	0005
5512/002	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4512 thru ML4518	1	9212	A	9312
5512/003	Diodes Microwave Silicon Tuning Varactor, based on type ML4310 thru ML4319	1	9212	B	0005
5512/004	Diodes Microwave Silicon Tuning Varactor, based on types ML4331 to ML4335	1	9305	A	0005
5512/005	Diodes Microwave Silicon Tuning Varactor, based on types ML4336 to ML4343	1	9305	A	0005
5512/006	Diodes Microwave Silicon Tuning Varactor, based on types ML4351 to ML4354	1	9305	A	0005
5512/007	Diodes Microwave Silicon Tuning Varactor, based on types ML4355 to ML4365	1	9305	A	0005
5512/008	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4532 to ML4538	1	9304	A	9402
5512/009	Diodes Microwave Gallium Arsenide Tuning Varactor, based on types ML4552 to ML4558	1	9304	A	9402
5512/010	Diodes Microwave Gallium Arsenide Multiplier Varactor, based on types ML48701E thru ML48705E	1	9306		
5512/011	Diodes Microwave Gallium Arsenide Multiplier Varactor, based on types ML48706C thru ML48708C and ML48709B to ML48710B	1	9306		
5512/012	Diodes Microwave Gallium Arsenide Hyperabrupt Tuning Varactor, based on types ML4577 to ML4580	1	9304	A	9402
5512/013	Diodes Microwave Gallium Arsenide Hyperabrupt Tuning Varactor, based on types ML4572 to ML4576	1	9304	A	9402
5512/014	Diodes Microwave Gallium Arsenide High Capacitance Tuning Varactor, based on types ML4519 ML4520 ML4539 ML4540 ML4559 and 4560	1	9304	A	9402
5512/016	Diodes Microwave Silicon Multiplier Varactor, based on types DH252,256,267,292	1	9309	B	0101
5512/017	Diodes Microwave Silicon Schottky, based on types DH301,302,303,312,313,314,315,322,323,324,325	1	9310	C	0101
5512/020	Diodes Microwave Silicon Schottky General Purpose, based on type BAS70	1	9503		
5512/022	Microwave Hyper-Abrupt Junction Tuning Varacter Silicon Diode, based on Types DH733 to DH738	1	9812		



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5513/001 MS	Diodes Microwave Silicon PIN Limiter, based on types ML4202 ML4204 AND ML4206	1	9211	A	9312
5513/002	Diodes Microwave Silicon PIN Fast Switching, based on types ML4617P thru ML4619P	1	9211	A	9312
5513/003	Diodes Microwave Silicon PIN Plated Heatsink, based on types ML4630 and ML4631	1	9211	B	9404
5513/004	Diodes Microwave Silicon Pin Fast Switching, based on types ML4603-54 to ML4608-54	1	9211	A	9312
5513/005	Diodes Microwave Silicon Pin Broadband, based on types ML4660,4661,4663,4665,4667,4669,4671 and thru 4674	1	9211	B	0202
5513/006	Diodes Microwave Silicon Schottky Medium Barrier Mixer, based on types ML40019 to ML40021 ML40150 ML40151 ML40152 ML40160 and ML40161	1	9305		
5513/007	Diodes Microwave Silicon Pin Limiter, based on types ML4207 to ML4209	1	9304	A	0202
5513/008	Diodes Microwave Silicon Pin Plated Heatsink, based on types ML4609 ML4613 AND ML4616	1	9304		
5513/009	Diodes Microwave Silicon Pin Fast Switching, based on types ML4610 ML4617 ML4618 & ML4619	1	9306	A	0202
5513/010	Diodes Microwave Silicon PIN Fast Switching, based on types ML4611 ML4612 ML4614 & ML4615	1	9306	A	0202
5513/011	Diodes Microwave Silicon Pin Plated Heatsink, based on types ML4620 ML4621 ML4625 ML4626	1	9304		
5513/012	Diodes Microwave Silicon Pin High Power, based on types ML4640 to ML4647	1	9305		
5513/013	Diodes Microwave Silicon Pin High Power, based on types ML4648 to ML4655	1	9305		
5513/014	Diodes Microwave Silicon Pin Fast Switching, based on types ML4622 to ML4624	1	9305	A	0202
5513/015	Diodes Microwave Silicon Pin Fast Switching, based on types ML4627 to ML4629	1	9305	A	0202
5513/016	Diodes Microwave Silicon Pin Broadband, based on types ML4661P ML4662 ML4663P ML4664 ML4665P ML4666 ML4667P ML4668 ML4669P and ML4670	1	9304		
5513/017	Diodes Microwave Silicon PIN, based on BXY42-MESA	2	9406		
5513/018	Diodes Microwave Silicon Pin Fast Switching, based on types ML4622P to ML4624P	1	9306		
5513/019	Diodes Microwave Silicon Pin Fast Switching, based on types ML4627P to ML4629P	1	9306		
5513/020	Diodes Microwave Silicon Pin Fast Switching, based on types ML4611P 4612P 4614P and 4615P	1	9305		



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5513/021	Diodes Microwave Gallium Arsenide Schottky Mixer, based on types ML40461 to ML40464	1	9305		
5513/028	Diodes Microwave Silicon Pin Switching, based on type 1N5719	1	9309	A	9511
5513/030	Diodes Microwave Silicon Pin Planar, based on types BXY43C and BXY44K	1	9605	B	9706
5513/031	Diodes Microwave Silicon, PIN, Fast Switching, based on types DH50151 to DH50157	1	9707		
5513/032	Diodes, Microwave Silicon PIN Ultra-Fast Switching, based on types DH50033 to DH50037	1	9707		
5513/033	Diodes Microwave Silicon PIN Fast Switching, based on types DH50201 to DH50209	1	9707		
5513/034	Diodes Microwave Silicon PIN Fast Switching, based on types DH50251 to DH50256	1	9707		
5513/035	Diodes Microwave Silicon PIN Fast Switching, based on types DH50401 to DH50405	1	9707		
5513/036	Diodes Microwave Silicon PIN Ultra-Fast Switching, based on types DH50052 to DH50057	1	9707		
5513/037	Diodes Microwave Silicon PIN Ultra-Fast Switching, based on types DH50071 to DH50077	1	9707		
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5611/006	Transistors Microwave Small Signal Silicon Bipolar, based on types BFY180 thru BFY183 BFY193 and BFY280	1	9505		
5611/008	Transistors Microwave Small Signal Silicon Bipolar, based on types BFY405 BFY420 and BFY450	1	9603		



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5613/002 MS	High Electron Mobility Transistors Microwave Low Noise Small Signal Gallium Arsenide, based on type CFY66	1	9306	A	9407
5613/004	High Electron Mobility Transistors Microwave Low Noise Small Signal Gallium Arsenide, based on type CFY67	1	9306	A	9408



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5614/006 MS	Transistors Microwave Metal Semiconductor Field Effect Power Gallium Arsenide, based on type CLY32	1	9509		
5614/008	Transistors, Microwave, Field Effect, Power, Gallium Arsenide, Based on CLY35 and CLY38	1	0205		



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5711/001	Capacitors Microwave Silicon Dice Mos, based on Types 101MC,201MC, 250MC, 400MC, 401Mc and 501MC	1	9810	A	0206



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2049000	Internal Visual Inspection of Integrated Circuits	1	9205		
2059000	External Visual Inspection of Integrated Circuits	1	9409		
2099000	Radiographic Inspection of Integrated Circuits	1	9409		
2139000	Terms Definitions Abbreviations Symbols and Units for Integrated Circuits	1	9409		
2269000	Evaluation Test Programme for Monolithic Integrated Circuits	1	9205	B	9504
2439000	Requirements for Capability Approval of Monolithic Microcircuit Technologies	1	9408		
9000	Generic Specification for Integrated Circuits Monolithic	10	9906	A	0012



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9101/005	Operational Amplifier, based on type LM108A	4	8308	D	9410
9101/006	Operational Amplifier Buffer, based on type LM 118	1	8403	C	9112
9101/008	Dual Bipolar Operational Amplifiers, based on type LM747	2	8111	C	9307
9101/009	Fast Sample and Hold Operational Amplifier, based on type HA-2420	1	9410		
9101/010	Operational Amplifier, based on type HA2520-2	1	8109	A	9112
9101/011 MS	Low Power Quad Bipolar Operational Amplifier, based on type LM124 and LM124A	2	9503		
9101/017 MS	JFET Input Operational Amplifier, based on type LF155 LF155A LF156 LF156A and LF157	1	9410		
9101/022	Bipolar Operational Amplifiers, based on type LM11	1	8703	A	9112
9101/033	Bipolar Operational Amplifier, based on type OP400A	1	9406	B	9705
9102/001	Voltage Regulator, based on type LM104	2	7904	B	9112
9102/002	Voltage Regulator, based on type LM105	3	8203	B	9112
9102/005	3-Terminal Adjustable Positive Regulator, based on type LM117	1	8509	C	9704
9102/007	3-Terminal Adjustable Negative Regulator, based on type LM137	1	8509	C	9307
9102/013	High Efficiency Linear Regulator, based on type UC1834	1	9709		
9103/002	Voltage Comparator, based on type LM111	3	8102	D	9410
9103/004	Quad Bipolar Voltage Comparator, based on types LM139 and LM139A	2	9503		
9108/001	Operational Amplifier, based on type LM110	1	8203	B	9112
9108/002	Precision Timer, based on type LM122	1	7902	A	9112
9108/007	Regulating Pulse Width Modulator, based on type SG1524	1	8507	C	9112
9108/011	Regulating Pulse Width Modulator, based on type SG1525A	1	9403	A	9506
9108/018	Integrated Circuits Silicon Monolithic Current Mode Pulse Width Modulator Controller, based on type UC1843	1	9611		



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9201/040	CMOS Dual 3-Input NOR Gate plus one Inverter, based on type 4000B	3	0106		
9201/041	CMOS Quad 2-Input NOR Gates, based on type 4001B	5	0007	A	0105
9201/042	CMOS Dual 4-Input NOR Gates, based on type 4002B	4	0106		
9201/043	CMOS Quad 2-Input NAND Gate, based on type 4011B	4	0106		
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9201/045	CMOS Triple 3-Input NAND Gates, based on type 4023B	3	0106		
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9201/047	CMOS Quad 2-Input Exclusive OR Gates, based on type 4030B	3	0107		
9201/048	CMOS Quad Exclusive OR Gate, based on type 4070B	4	0107		
9201/052	CMOS Quad 2-Input AND Gate, based on type 4081B	4	9203	C	0105
9201/054	CMOS Multifunction Expandable 8-Input Gate with 3-State Output, based on type 4048B	3	0104		
9201/055	CMOS Quad Exclusive NOR Gate, based on type 4077B	3	9203	C	0105
9201/061	CMOS 8-Input NAND/AND Gate, based on type 4068B	3	0107		
9201/062	CMOS 8-Input NOR/OR Gate, based on type 4078B	2	9203	C	0105
9201/063	CMOS Quad 2-Input OR Gates, based on type 4071B	3	0007	A	0105
9201/064	CMOS Triple 3-Input AND Gate, based on type 4073B	4	0107		
9201/065	CMOS Triple 3-Input OR Gates, based on type 4075B	3	0107		
9201/066	CMOS Dual 4-Input AND Gate, based on type 4082B	2	9203	C	0105
9201/067	CMOS Dual 2-Wide 2-Input AND/OR Inverter Gate, based on type 4085B	2	9203	C	0105
9201/068	CMOS Expandable 4-Wide 2-Input AND/OR Inverter Gate, based on type 4086B	2	9203	C	0105
9201/082	CMOS Dual 4-Input OR Gates, based on type 4072B	3	0107		
9202/038	CMOS Dual Complementary Pair plus Inverter having unbuffered Outputs, based on type 4007UB	4	0007	A	0105
9202/039	CMOS 4-Bit Full Adder, based on type 4008B	3	0104		
9202/040	CMOS Quad True/Complement Buffer with Unbuffered Outputs, based on type 4041UB	3	0107		
9202/041	CMOS Quad Clocked 'D' Latch, based on type 4042B	3	0104		
9202/042	CMOS Quad 3-State NOR R/S Latches, based on type 4043B	3	0104		
9202/043	CMOS Quad 3-State NAND R/S Latch, based on type 4044B	3	0104		
9202/044	CMOS Micropower Phase-Locked Loop, based on type 4046B	3	0106		
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9202/047	CMOS Analogue Multiplexer/Demultiplexer, based on type 4051B	3	0104		
9202/048	CMOS Analogue Multiplexer/Demultiplexer, based on type 4052B	3	0104		
9202/049	CMOS Analogue Multiplexer/Demultiplexer (Triple 2-Channel), based on type 4053B	3	0104		
9202/050	CMOS Quad Bilateral Switch, based on type 4016B	3	0107		
9202/051	CMOS Quad AND/OR Select Gate, based on type 4019B	3	0104		
9202/058	CMOS 8-Bit Addressable Latch, based on type 4099B	3	0104		
9202/060	CMOS Binary Rate Multiplier, based on type 4089B	3	0104		
9202/063	CMOS Dual 4-Bit Latch with 3-State Outputs, based on type 4508B	2	9205	B	0104
9202/065	CMOS 8-Bit Priority Encoder, based on type 4532B	3	0106		
9202/068	CMOS 4-Bit Arithmetic Logic Unit, based on type 40181B	1	9303	B	0104
9202/069	CMOS Look-Ahead Carry Generator, based on type 40182B	2	0106		
9203/022	CMOS Dual J-K Master Slave Flip-Flop, based on type 4027B	4	0104		
9203/023	CMOS Dual 'D'-Type Flip-flop, based on type 4013B	3	0107		
9203/038	CMOS Hex 'D'-Type Flip-Flop, based on type 40174B	3	0104		
9204/013	CMOS Dual BCD Up-Counter, based on type 4518B	2	0104		
9204/020	CMOS Decade Counter/Divider, based on type 4017B	4	0104		
9204/021	CMOS Presettable Divide-by-N Counter, based on type 4018B	3	0104		
9204/022	CMOS Ripple-Carry Binary Counter/Divider, based on type 4020B	4	0104		
9204/023	CMOS Octal Counter/Divider, based on type 4022B	3	0104		
9204/024	CMOS Ripple Carry Binary Counter/Divider, based on type 4024B	3	0107		
9204/025	CMOS Presettable Up/Down Counter Binary OR BCD Decade, based on type 4029B	3	0104		
9204/026	CMOS Ripple Carry Binary Counter/Divider, based on type 4040B	3	0104		
9204/028	CMOS Dual Binary Up Counter, based on type 4520B	3	0106		
9204/036	CMOS Presettable 8-Bit Synchronous Down Counters, based on type 40103B	3	0106		
9204/041	CMOS Presettable Binary Up/Down Counter (Dual Clock with Reset), based on type 40193B	3	0106		
9204/045	CMOS Synchronous Quad Presettable Up/Down Binary Counter, based on type 4516B	3	0106		
9204/046	CMOS Programmable 4-Bit Binary Counter with Synchronous Clear, based on type 40163B	3	0106		



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9204/052	CMOS 14-Stage Ripple-Carry Binary Counter/Divider and Oscillator, based on type 4060B	3	0104		
9204/054	CMOS Programmable 4-Bit Binary Counter with Asynchronous Clear, based on type 40161B	3	0106		
9204/067	CMOS Programmable 4-Bit Synchronous Decade Counter with Synchronous Clear, based on type 40162B	2	0106		
9205/010	CMOS BCD-to-Decimal OR Binary-to-Octal Decoder, based on type 4028B	3	0104		
9205/011	CMOS 4-Bit Latch/4-to-16 Line Decoder, based on type 4515B	3	9205	B	0104
9206/003	CMOS Dual Monostable Multivibrator, based on type 4098B	4	0104		
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9207/007	CMOS Dual Monostable Multivibrator with Reset, based on type 4538B	2	0104		
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9301/009	CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40208B	2	9006	C	0104
9306/013	CMOS 18 Stage Static Shift Register, based on type 4006B	1	9302	C	0105
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9306/025	CMOS 8-Stage Static Bidirectional Parallel/Serial Input/Output Bus Register with 3-State Outputs, based on type 4034B	3	0104		
9306/026	CMOS 8-Stage Shift and Store Bus Register with Synchronous Serial Outputs and 3-State Parallel Outputs, based on type 4094B	3	0105		
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9306/034	CMOS 4x4 Multiport Register with 3-State Outputs, based on type 40108B	2	9206	B	0104
9306/040	CMOS 4-Bit Bi-Directional Universal Shift Register with 3 State Outputs, based on type 40104B	2	0105		
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9401/030 MS	CMOS Hex Non-Inverting Buffers with 3-State Outputs, based on type 4503B	3	0106		
9406/001	CMOS Ripple-Carry Decade Counter/Divider, based on type 4026B	3	0105		
9407/003	CMOS Quad Low to High 3-State Voltage Level Shifter, based on type 40109B	3	0105		
9408/005	CMOS Quad Bilateral Switch, based on type 4066B	3	0007	A	0105
9408/006	CMOS 8-Channel Multiplexer with 3-State Outputs, based on type 4512B	3	0106		
9408/009	CMOS Analogue Multiplexer/Demultiplexer, based on type 4067B	2	9103	C	0104
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9409/002	CMOS Quad 2-Input NAND-Gate with Schmitt Trigger Inputs, based on type 4093B	2	9203	C	0105
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9201/015 MS	Quad 2-Input Positive NAND Gate, based on type 54LS00	5	9206	A	9501
9201/016	Quad 2-Input Positive NOR Gate, based on type 54LS02	5	9206	A	9501
9201/017	Triple 3-Input Positive NAND Gate, based on type 54LS10	5	9302	A	9501
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9201/025	2-Wide 3-Input 2-Wide 2-Input Positive AND/OR Invert Gate, based on type 54LS51	5	9402		
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9201/028	Triple 3-Input Positive NOR Gate, based on type 54LS27	5	9401	A	9501
9201/035	Quad 2-Input Positive AND Gate, based on type 54LS08	5	9302	A	9501
9201/036	Quadruple 2-Input High Voltage Interface Positive NAND Gate, based on type 54LS26	4	9309	A	9501
9201/038	Quad 2-Input Positive OR Gate, based on type 54LS32	7	9401	A	9501
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9201/050	Quad 2-Input Exclusive NOR Gates, based on type 54LS266	4	9309	A	9501
9201/053	Dual 4-Input Positive and Gate, based on type 54LS21	3	9311	A	9501
9201/069	Quad 2-Input Positive NAND Gate with Open Collector Output, based on type 54LS03	2	9207	A	9501
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9201/081	Quad 2-Input Exclusive OR Gates, based on type 54LS386 and 54LS386A	2	9401	A	9501
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9202/010	Quad 2-Line-to-1-Line Selectors/Multiplexers, based on type 54LS257A	4	9309	A	9501
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9202/017	Quad 2-Input Positive NAND Buffer with Open Collector Outputs, based on type 54LS38	5	9401	A	9501
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9202/029	Dual 4-line-to-1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54LS253	4	9309	A	9501
9202/030	4-Bit Binary Full Adder with Fast Carry, based on type 54LS83A	4	9402		
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9202/033	Dual Monostable Multivibrators, based on type 54LS221	4	9311	A	9501
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9202/064	Dual Carry-Save Full Adders, based on type 54LS183	2	9309	A	9501
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9301/018	CMOS Silicon Gate Static 16K (16348x1Bit) Asynchronous Random Access Memory with 3-State Outputs, based on types HM65262 and HM65262B	1	9203	A	9307
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9201/107	HCMOS Triple 3-Input NAND Gates, based on type 54HC10	1	9111	C	0202
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9201/109	HCMOS Triple 3-Input NOR Gates, based on type 54HC27	1	9201	C	0202
9201/110	HCMOS 8-Input NAND Gates, based on type 54HC30	1	9201	C	0202
9201/111	HCMOS Quad 2-Input OR Gates, based on type 54HC32	1	9111	C	0202
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9201/114	HCMOS Quad 2-Input NAND Gates with Open Drain Output, based on type 54HC03	1	9111	C	0202
9201/117	HCMOS Triple 3-Input AND Gates, based on type 54HC11	1	9111	C	0202
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9203/073	HCMOS 8-Bit Addressable Latches, based on type 54HC259	2	9404	A	0112
9204/059	HCMOS Synchronous 4-Bit Binary Counter, with direct Clear based on type 54HC161	1	9111	C	0112
9204/062	HCMOS Synchronous Presetable 4-Bit Decade Counter with Direct Clear, based on type 54HC160	1	9209	C	0112
9204/065	HCMOS Synchronous 4-Bit Up/Down Binary Counters (Dual Clock with Clear), based on type 54HC193	1	9207	C	0201
9204/066	HCMOS Synchronous 4-Bit Up/Down Binary Counter, based on type 54HC191	1	9207	C	0201
9204/068	HCMOS Synchronous 4-Bit Up/Down Decade Counter, based on type 54HC190	1	9209	C	0112
9204/069	HCMOS Asynchronous Negative Edge Triggered 12-Bit Binary Counters, based on type 54HC4040	1	9201	C	0112
9204/070	HCMOS Asynchronous Negative-Edge-Triggered 14 Bit Binary Counters, based on type 54HC4020	1	9207	C	0112
9204/071	HCMOS 8-Bit Binary Counters with 3-State Output Registers, based on type 54HC590 and 54HC590A	1	9306	C	0201
9204/072	HCMOS 5-Stage Johnson Decade Counter/Divider, based on type 54HC4017	1	9209	C	0201
9204/073	HCMOS Synchronous 4-Bit Binary Counter, based on type 54HC163	1	9207	C	0112



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9204/074	HCMOS Dual 4-Bit Negative-Edge-Triggered Binary Counters, based on type 54HC393	1	9207	C	0110
9204/076	HCMOS Asynchronous Negative-Edge-Triggered 14-Bit Binary Counters and Oscillators, based on type 54HC4060	1	9207	C	0201
9204/077	HCMOS Asynchronous Negative-Edge-Triggered 7-Bit Binary Counter, based on type 54HC4024	1	9209	B	0111
9204/078	HCMOS Dual 4-Bit Decade Counters, based on type 54HC390	1	9209	C	0201
9204/079	HCMOS 8-Bit Register Binary Counter, based on type 54HC592	1	9210	C	0203
9204/080	HCMOS 4-Bit Binary Counters with Clear, based on type 54HC4520	1	9306	C	0201
9205/013	HCMOS 3 to 8 Line Decoders/Demultiplexers with Address Latches and Inverted Outputs, based on type 54HC137	1	9207	C	0204
9205/016	HCMOS 3 Line to 8 Line Decoders/Demultiplexers, based on type 54HC238	2	9406	A	0112
9205/017	HCMOS Dual 2-Line to 4-Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC139	1	9201	C	0204
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9205/020	HCMOS 4 to 10 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC42	1	9209	C	0204
9205/021	HCMOS 3-Line to 8-Line Decoders/Demultiplexers with Address Latches, based on type 54HC237	1	9209	C	0112
9205/022	HCMOS 3 to 8 Line Decoders Demultiplexers with Inverted Outputs, based on type 54HCT138	1	9209	C	0204
9205/023	HCMOS 4-to-6 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC154	1	9208	B	0202
9207/006	HCMOS Dual Positive or Negative Edge Schmitt-Retriggerable Monostable Multivibrators with Clear, based on type 54HC123	1	9210	C	0204
9207/008	HCMOS Dual Positive OR Negative Edge Schmitt-Retriggerable Monostable Multivibrators with Clear Reset, based on type 54HC4538	1	9210	C	0201
9208/003	HCMOS 9-Bit Odd/Even Parity Generators/Checkers based on type 54HC280	1	9201	B	0110
9209/004	HCMOS 4-Bit Magnitude Comparators, based on types 54HC85 and 54HC85A	1	9201	C	0204
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9306/041	HCMOS 8-Bit Sipo Shift Register, based on type 54HC164	1	9111	B	0110
9306/042 MS	HCMOS 8-Bit Piso Shift Register, based on type 54HC165	1	9111	C	0112
9306/043	HCMOS 8-Bit Piso Shift Register, based on type 54HC166	1	9207	C	0112
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9306/051	HCMOS 8-Bit Shift Registers with 3 State Output Registers, based on type 54HC595	2	0203		
9306/052	HCMOS Hex D-Type Edge-Triggered Flip-Flops with Clear, based on type 54HC174	1	9207	C	0112
9306/053	HCMOS 4-Bit PIPO Shift Register with Overriding Clear, based on type 54HC195	1	9209	C	0112
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9401/033	HCMOS Hex Inverters, based on type 54HC04	1	9111	B	0110
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9401/052	HCMOS Hex Bus Buffers with 3-State Outputs, based on type 54HC365	1	9208	C	0203
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9402/009	HCMOS Octal Bus Buffers with 3-State Outputs, based on type 54HCT244	1	9111	B	0203
9405/011	HCMOS Quad Bus Transceivers with Inverted 3-State Outputs, based on type 54HC242	1	9208	B	0111
9405/012	HCMOS Quad Bus Transceivers with 3-State Outputs, based on type 54HC243	1	9208	B	0111
9405/013	HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HC245	1	9111	B	0203
9405/014	HCMOS Octal Bus Transceivers with 3-State Outputs, based on type 54HCT245	1	9201	B	0203
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9408/046	HCMOS 3 to 8 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54HC138	1	9111	C	0201
9408/047	HCMOS Quad 2-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC257	1	9207	C	0112
9408/048	HCMOS 1 to 8 Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC251	2	0203		
9408/052	HCMOS Quad Bilateral Switch, based on type 54HC4066	1	9203	B	0111
9408/054	HCMOS 8-Line to 1-Line Data Selectors/Multiplexers, based on type 54HC151	1	9201	C	0201
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9408/058	HCMOS Dual 4-Line to 1-Line Data Selectors/Multiplexers with 3-State Outputs, based on type 54HC253	1	9207	C	0112
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9408/065	HCMOS Analogue Multiplexer/Demultiplexer (Triple 2-Channel),based on type 54HC4053	2	0203		
9409/007	HCMOS Hex Schmitt Trigger Inverters, based on type 54HC14	1	9111	B	0111
9410/016	HCMOS 4-Word x 4 Bit Register File with 3-State Outputs, based on type 54HC670	1	9306	C	0203
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9521/001 MS	CMOS 8-Bit Micro-Controller, based on type 80C31	1	9210		
9521/002	CMOS 8-Bit Micro-Controller, based on types 80C32E and 80C52E	1	9602	A	9706
9543/003	Silicon On Sapphire CMOS Programmable Direct Memory Access Controller, based on type MAS28137	1	9302		
9544/003	Silicon On Sapphire CMOS Programmable Communication Interface, based on type MAS28151	1	9308		
9544/004	Silicon on Sapphire CMOS Virtual Channel Multiplexer, based on type 12396	1	9406	C	9803
9544/005	Silicon on Sapphire CMOS Virtual Channel Assembler, based on type 12399	1	9509	A	9701
9544/006	CMOS Silicon on Sapphire OBDH-Remote Bus Interface RBI Circuit with 3-State Outputs, based on type 12663	1	9501	B	9701
9544/007	Integrated Circuit, Monolithic, Silicon on Sapphire, CMOS, Local Time Management System Based on Type MS-13196	1	9904		



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9201/125	Advanced CMOS Quad 2-Input NAND Gates, based on type 54AC00	1	9309		
9201/126	Advanced CMOS Quad 2-Input AND Gates, based on type 54AC08	1	9309		
9201/127	Advanced CMOS Quad 2-Input OR Gates, based on type 54AC32	1	9307	A	9506
9201/128	Advanced CMOS Quad 2-Input NAND Gates, based on type 54ACT00	1	9309		
9201/131	Advanced CMOS Quad 2-Input and Gates, based on type 54ACT08	1	9309		
9201/134	Advanced CMOS Quad 2-Input NOR Gates, based on type 54ACT02	1	9309		
9201/135	Advanced CMOS Quad 2-Input OR Gates, based on type 54ACT32	1	9309	A	9506
9201/136	Advanced CMOS Quad 2-Input Exclusive-OR Gates, based on type 54AC86	1	9309	A	9506
9201/137	Advanced CMOS Dual 4-Input NAND Gates, based on type 54AC20	1	9309	A	9506
9201/138	Advanced CMOS Triple 3-Input AND Gates, based on type 54AC11	1	9309		
9201/139	Advanced CMOS Triple 3-Input NAND Gates, based on type 54AC10	1	9309		
9201/140	Advanced CMOS Quad 2-Input NOR Gates, based on type 54AC02	1	9309	A	9506
9201/142	Advanced CMOS Triple 3-Input AND Gates, based on type 54ACT11	1	9310		
9201/143	Advanced CMOS Quad 2-Input Exclusive-OR Gates, based on type 54ACT86	1	9310		
9203/067	Advanced CMOS Hex D-Type Edge Triggered Flip-Flops with Clear, based on type 54AC174	1	9310		
9203/068	Advanced CMOS Dual D-Type Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54AC74	1	9309		
9203/069	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54AC374	1	9307	A	9506
9203/074	Advanced CMOS Octal D-Type Transparent Latches with 3-State Outputs, based on type 54ACT373	1	9309		
9203/075	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54AC574	1	9309		
9203/076	Advanced CMOS Octal D-Type Flip-Flops with Clock Enable, based on type 54AC377	1	9309		
9203/077	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with Clear, based on type 54AC273	1	9309	A	9506
9203/078	Advanced CMOS Quad D-Type Edge-Triggered Flip-Flops with Clear, based on type 54AC175	1	9309		
9203/079	Advanced CMOS Dual D-Type Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54ACT74	1	9309		
9203/080	Advanced CMOS Dual J-K Positive Edge-Tiggered Flip-Flops with Preset and Clear, based on type 54ACT109	1	9309	A	9506



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9203/084	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ACT574	1	9310		
9203/085	Advanced CMOS Octal D-Type Edge-Triggered Flip-Flops with 3-State Outputs, based on type 54ACT374	1	9310		
9203/086	Advanced CMOS Dual J-K Positive Edge-Triggered Flip-Flops with Preset and Clear, based on type 54AC109	1	9309		
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9204/085	Advanced CMOS Synchronous 4-Bit Binary Counter with Direct Clear, based on type 54ACT161	1	9309	A	9506
9204/087	Advanced CMOS Synchronous Presettable 4-Bit Decade Counter with Direct Clear, based on type 54ACT160	1	9310		
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9209/006	Advanced CMOS 8-Bit Identity Comparator, based on type 54AC521	1	9409	A	9506
9306/056	Advanced CMOS 8-Input Universal Shift/Storage Registers with Common Parallel I/O Pins Direct Clear and 3-State Outputs, based on type 54AC299	1	9310		
9306/057	Advanced CMOS 8-Input Universal Shift/Storage Registers with Common Parallel I/O Inputs Direct Clear and 3-State Outputs, based on type 54ACT299	1	9310		
9401/042	Advanced CMOS Octal Bus Buffer with 3-State Outputs, based on type 54AC240	1	9310		
9401/043	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54AC244	1	9309		



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9401/051	Advanced CMOS Hex Inverter, based on type 54AC04	1	9309		
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9401/056	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54ACT541	1	9310		
9401/057	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54ACT240	1	9309		
9401/058	Advanced CMOS Octal Bus Buffers with 3-State Outputs, based on type 54AC541	1	9310		
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9401/061	Advanced CMOS Quad Bus Buffers with 3-State Outputs, based on type 54AC125	1	9310		
9401/062	Advanced CMOS Octal Bus Buffers with Inverted 3-State Outputs, based on type 54AC540	1	9309	A	9506
9405/015	Advanced CMOS Octal Bus Transceivers with 3- State Outputs, based on type 54ACT245	1	9309		
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9408/062	Advanced CMOS Quad 2-Line to 1-Line Data Selectors/ Multiplexers with 3-State Outputs, based on type 54ACT257	1	9310		
9408/063 MS	Advanced CMOS 3 to 8 Line Decoders/Demultiplexers with Inverted Outputs, based on type 54AC138	3	9401		
9408/066	Advanced CMOS Quad 2- Line to 1-Line Data Selectors/ Multiplexers with Inverted Outputs, based on type 54ACT158	1	9310		
9408/067	Advanced CMOS 8-Line to 1-Line Data Selectors/Multiplexers, based on type 54AC151	1	9309		
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9408/071	Advanced CMOS Quad 2-Line to-1 Line Data Selectors/ Multiplexers with 3-State Outputs, based on type 54AC257	1	9310		
9408/074	Advanced CMOS Quad 2-Line to 1-Line Data Selectors/ Multiplexers with Inverted Ouputs, based on type 54AC158	1	9403		



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9201/145	Silicon on Sapphire Monolithic HCMOS Quad 2-Input OR Gates, based on types 54HSC32 & 54HST32	1	9503		
9401/063	Silicon on Sapphire Monolithic HCMOS Hex Inverters, based on types 54HSC04 & 54HST04	1	9503		



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25000	Basic Specification for Electro-Optical Test Methods for Charge Coupled Devices	1	9307		
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9610/002	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	1	0206		
9610/003	Charge Coupled Devices, Silicon, Photosensitive, Area Array, Image Sensor, 286 Lines x 382 Pixels, Based on Type Th 7863D	1	0206		



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Spec. Number	Part Type	Pub. Code	Spec. Number	Part Type	Pub. Code	Spec. Number	Part Type	Pub. Code
9201/061	4068B	43	9401/010	4069UB	43	9201/048	4070B	43
9201/063	4071B	43	9201/082	4072B	43	9201/064	4073B	43
9201/065	4075B	43	9306/022	4076B	43	9201/055	4077B	43
9201/062	4078B	43	9201/052	4081B	43	9201/066	4082B	43
9201/067	4085B	43	9201/068	4086B	43	9202/060	4089B	43
9409/002	4093B	43	9306/026	4094B	43	9206/003	4098B	43
9202/058	4099B	43	9401/006	4502B	43	9401/030	4503B	43
9202/063	4508B	43	9408/006	4512B	43	9408/012	4514B	43
9205/011	4515B	43	9204/045	4516B	43	9306/049	4517B	43
9204/013	4518B	43	9204/028	4520B	43	9202/065	4532B	43
9207/007	4538B	43	9408/011	4555B	43	9408/025	4556B	43
9201/125	54AC00	75	9201/140	54AC02	75	9401/051	54AC04	75
9201/126	54AC08	75	9201/139	54AC10	75	9203/086	54AC109	75
9201/138	54AC11	75	9401/061	54AC125	75	9408/063	54AC138	75
9205/024	54AC139	75	9409/008	54AC14	75	9408/067	54AC151	75
9408/068	54AC153	75	9408/069	54AC157	75	9408/074	54AC158	75
9204/081	54AC161	75	9204/082	54AC163	75	9204/083	54AC169	75
9203/067	54AC174	75	9203/078	54AC175	75	9201/137	54AC20	75
9401/042	54AC240	75	9401/043	54AC244	75	9405/017	54AC245	75
9408/070	54AC253	75	9408/071	54AC257	75	9203/077	54AC273	75
9306/056	54AC299	75	9201/127	54AC32	75	9203/088	54AC373	75
9203/069	54AC374	75	9203/076	54AC377	75	9209/006	54AC521	75
9401/062	54AC540	75	9401/058	54AC541	75	9203/087	54AC573	75
9203/075	54AC574	75	9203/068	54AC74	75	9201/136	54AC86	75



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9201/128	54ACT00	75	9201/134	54ACT02	75	9401/059	54ACT04	75
9201/131	54ACT08	75	9203/080	54ACT109	75	9201/142	54ACT11	75
9408/060	54ACT138	75	9408/061	54ACT139	75	9401/053	54ACT14	75
9408/066	54ACT158	75	9204/087	54ACT160	75	9204/085	54ACT161	75
9204/075	54ACT163	75	9203/081	54ACT174	75	9203/082	54ACT175	75
9401/057	54ACT240	75	9401/050	54ACT244	75	9405/015	54ACT245	75
9408/062	54ACT257	75	9203/083	54ACT273	75	9306/057	54ACT299	75
9201/135	54ACT32	75	9203/074	54ACT373	75	9203/085	54ACT374	75
9401/056	54ACT541	75	9203/091	54ACT573	75	9203/084	54ACT574	75
9203/079	54ACT74	75	9201/143	54ACT86	75	9201/088	54ALS00A	60
9201/089	54ALS02	60	9401/024	54ALS04A	60	9401/024	54ALS04B	60
9401/023	54ALS05	60	9401/023	54ALS05A	60	9201/092	54ALS08	60
9201/104	54ALS09	60	9201/093	54ALS10	60	9201/100	54ALS1000A	60
9201/101	54ALS1002A	60	9201/115	54ALS1003	60	9201/115	54ALS1003A	60
9401/036	54ALS1004	60	9401/021	54ALS1008	60	9401/021	54ALS1008A	60
9401/031	54ALS1010A	60	9201/102	54ALS1011A	60	9201/116	54ALS1020A	60
9203/049	54ALS109	60	9203/049	54ALS109A	60	9201/093	54ALS10A	60
9201/094	54ALS11	60	9203/055	54ALS112A	60	9201/094	54ALS11A	60
9205/025	54ALS137	60	9205/012	54ALS138	60	9408/029	54ALS151	60
9204/055	54ALS161A	60	9204/055	54ALS161B	60	9204/057	54ALS163A	60
9204/057	54ALS163B	60	9203/047	54ALS174	60	9203/048	54ALS175	60
9204/058	54ALS193	60	9201/095	54ALS20A	60	9201/096	54ALS21	60
9201/096	54ALS21A	60	9401/032	54ALS240A	60	9401/028	54ALS241	60
9401/028	54ALS241A	60	9405/018	54ALS242B	60	9405/019	54ALS243A	60



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9402/005	54ALS244A	60	9402/005	54ALS244B	60	9405/005	54ALS245A	60
9408/031	54ALS253	60	9408/032	54ALS257	60	9408/033	54ALS258	60
9201/097	54ALS27	60	9201/101	54ALS28A	60	9306/039	54ALS299	60
9201/098	54ALS30	60	9201/098	54ALS30A	60	9201/091	54ALS32	60
9408/034	54ALS353	60	9202/071	54ALS373	60	9201/100	54ALS37A	60
9201/115	54ALS38	60	9201/115	54ALS38A	60	9201/116	54ALS40A	60
9209/003	54ALS520	60	9401/029	54ALS541	60	9202/067	54ALS573	60
9203/042	54ALS574	60	9203/042	54ALS574A	60	9203/056	54ALS576	60
9405/005	54ALS645A	60	9405/009	54ALS646	60	9203/043	54ALS74	60
9203/043	54ALS74A	60	9201/099	54ALS86	60	9203/046	54ALS874	60
9203/046	54ALS874A	60	9201/105	54HC00	68	9201/113	54HC02	68
9201/114	54HC03	68	9401/033	54HC04	68	9201/106	54HC08	68
9201/107	54HC10	68	9203/072	54HC107	68	9306/048	54HC109	68
9201/117	54HC11	68	9203/051	54HC112	68	9207/006	54HC123	68
9401/039	54HC125	68	9401/046	54HC126	68	9201/120	54HC132	68
9205/013	54HC137	68	9408/046	54HC138	68	9205/017	54HC139	68
9409/007	54HC14	68	9410/017	54HC148	68	9408/054	54HC151	68
9408/038	54HC153	68	9205/023	54HC154	68	9408/057	54HC157	68
9408/059	54HC158	68	9204/062	54HC160	68	9204/059	54HC161	68
9204/073	54HC163	68	9306/041	54HC164	68	9306/042	54HC165	68
9306/043	54HC166	68	9306/052	54HC174	68	9203/052	54HC175	68
9204/068	54HC190	68	9204/066	54HC191	68	9204/065	54HC193	68
9306/047	54HC194	68	9306/053	54HC195	68	9201/118	54HC20	68
9201/108	54HC21	68	9205/021	54HC237	68	9205/016	54HC238	68



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9401/034	54HC240	68	9401/035	54HC241	68	9405/011	54HC242	68
9405/012	54HC243	68	9401/048	54HC244	68	9405/013	54HC245	68
9408/048	54HC251	68	9408/058	54HC253	68	9408/047	54HC257	68
9203/073	54HC259	68	9201/122	54HC266	68	9201/109	54HC27	68
9203/053	54HC273	68	9208/003	54HC280	68	9202/075	54HC283	68
9201/110	54HC30	68	9201/111	54HC32	68	9306/055	54HC356	68
9401/052	54HC365	68	9401/044	54HC367	68	9401/054	54HC368	68
9203/059	54HC373	68	9203/060	54HC374	68	9201/121	54HC386	68
9204/078	54HC390	68	9204/074	54HC393	68	9201/130	54HC4002	68
9204/072	54HC4017	68	9204/070	54HC4020	68	9204/077	54HC4024	68
9204/069	54HC4040	68	9401/037	54HC4049	68	9401/038	54HC4050	68
9408/064	54HC4051	68	9408/065	54HC4053	68	9204/076	54HC4060	68
9408/052	54HC4066	68	9201/124	54HC4072	68	9201/129	54HC4075	68
9201/123	54HC4078	68	9201/123	54HC4078A	68	9306/050	54HC4094	68
9205/020	54HC42	68	9205/019	54HC4514	68	9204/080	54HC4520	68
9207/008	54HC4538	68	9401/049	54HC540	68	9401/047	54HC541	68
9202/072	54HC573	68	9203/054	54HC574	68	9204/071	54HC590	68
9204/071	54HC590A	68	9204/079	54HC592	68	9306/051	54HC595	68
9306/054	54HC597	68	9405/016	54HC623	68	9410/016	54HC670	68
9209/005	54HC688	68	9203/071	54HC73	68	9203/050	54HC74	68
9203/065	54HC75	68	9203/061	54HC76	68	9209/004	54HC85	68
9209/004	54HC85A	68	9201/119	54HC86	68	9201/132	54HCT00	68
9201/133	54HCT02	68	9205/022	54HCT138	68	9401/045	54HCT240	68
9402/009	54HCT244	68	9405/014	54HCT245	68	9203/064	54HCT373	68



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9203/066	54HCT374	68	9203/070	54HCT74	68	9401/055	54HCU04	68
9201/015	54LS00	44	9201/016	54LS02	44	9201/069	54LS03	44
9202/009	54LS04	44	9401/009	54LS05	44	9201/035	54LS08	44
9201/073	54LS09	44	9201/017	54LS10	44	9203/020	54LS107A	44
9203/024	54LS109A	44	9201/049	54LS11	44	9203/016	54LS112A	44
9203/021	54LS113A	44	9203/025	54LS114A	44	9207/004	54LS122	44
9207/002	54LS123	44	9401/011	54LS125A	44	9409/001	54LS13	44
9409/004	54LS132	44	9205/004	54LS138	44	9205/003	54LS139	44
9205/003	54LS139A	44	9202/013	54LS14	44	9406/002	54LS145	44
9410/003	54LS148	44	9202/015	54LS151	44	9202/016	54LS153	44
9205/009	54LS155	44	9205/009	54LS155A	44	9202/027	54LS157	44
9202/028	54LS158	44	9204/014	54LS160A	44	9204/015	54LS161A	44
9204/016	54LS163A	44	9306/011	54LS164	44	9306/029	54LS165	44
9306/029	54LS165A	44	9306/030	54LS166	44	9306/030	54LS166A	44
9203/018	54LS174	44	9203/019	54LS175	44	9202/005	54LS181	44
9202/064	54LS183	44	9204/017	54LS193	44	9306/012	54LS194A	44
9306/019	54LS195A	44	9204/018	54LS196	44	9204/019	54LS197	44
9201/018	54LS20	44	9201/053	54LS21	44	9202/033	54LS221	44
9401/014	54LS240	44	9401/016	54LS241	44	9405/003	54LS242	44
9405/004	54LS243	44	9402/003	54LS244	44	9405/002	54LS245	44
9202/052	54LS251	44	9202/029	54LS253	44	9202/010	54LS257A	44
9202/070	54LS259B	44	9201/036	54LS26	44	9201/050	54LS266	44
9201/028	54LS27	44	9203/030	54LS273	44	9202/053	54LS279	44
9202/053	54LS279A	44	9401/008	54LS28	44	9208/001	54LS280	44



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9202/032	54LS283	44	9201/019	54LS30	44	9201/038	54LS32	44
9202/066	54LS321	44	9401/017	54LS365A	44	9202/054	54LS367A	44
9202/055	54LS368A	44	9401/007	54LS37	44	9203/034	54LS373	44
9203/031	54LS374	44	9203/039	54LS375	44	9203/035	54LS377	44
9202/017	54LS38	44	9201/081	54LS386	44	9201/081	54LS386A	44
9204/033	54LS390	44	9204/034	54LS393	44	9408/015	54LS398	44
9408/016	54LS399	44	9201/039	54LS40	44	9205/008	54LS42	44
9201/025	54LS51	44	9201/026	54LS54	44	9301/001	54LS670	44
9306/035	54LS673	44	9306/036	54LS674	44	9203/014	54LS73A	44
9203/013	54LS74A	44	9203/008	54LS75	44	9203/015	54LS76A	44
9202/030	54LS83A	44	9202/031	54LS85	44	9201/014	54LS86	44
9201/014	54LS86A	44	9204/010	54LS90	44	9204/007	54LS92	44
9204/008	54LS93	44	9306/009	54LS95B	44	9306/020	54LS96	44
9201/056	54S00	56	9201/074	54S02	56	9401/012	54S04	56
9201/057	54S09	56	9201/058	54S10	56	9203/028	54S112	56
9203/027	54S113	56	9408/010	54S138	56	9402/004	54S140	56
9408/007	54S151	56	9408/008	54S153	56	9408/042	54S158	56
9204/029	54S163	56	9203/032	54S174	56	9203/033	54S175	56
9306/031	54S194	56	9306/024	54S195	56	9204/044	54S196	56
9201/059	54S20	56	9201/077	54S22	56	9408/020	54S251	56
9201/083	54S260	56	9202/059	54S280	56	9201/060	54S30	56
9201/112	54S32	56	9401/015	54S37	56	9203/041	54S374	56
9201/078	54S51	56	9203/026	54S74	56	9201/079	54S86	56
9402/012	55ALS192	47	9521/001	80C31	18	9521/002	80C32E	18



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9521/002	80C52E	18	9402/012	AM26LS31	47	9403/003	AM26LS32	47
9407/001	DAC08A	47	9408/001	DG181	47	9101/009	HA-2420	42
9101/010	HA2520-2	42	9408/002	HI506A	47	9408/003	HI507A	47
9301/015	HM65162	47	9301/015	HM65162B	47	9301/018	HM65262	47
9301/018	HM65262B	47	9301/030	HM65656	47	9301/029	HM65664	47
9301/026	HM65687	47	9301/038	HM65697EV	47	9408/019	HS1840RH	47
9101/017	LF155	42	9101/017	LF155A	42	9101/017	LF156	42
9101/017	LF156A	42	9101/017	LF157	42	9101/001	LM101A	42
9102/001	LM104	42	9102/002	LM105	42	9101/005	LM108A	42
9101/022	LM111	42	9108/001	LM110	42	9103/002	LM111	42
9102/005	LM117	42	9101/006	LM118	42	9108/002	LM122	42
9101/011	LM124	42	9101/011	LM124A	42	9102/007	LM137	42
9103/004	LM139	42	9103/004	LM139A	42	9101/008	LM747	42
9301/034	M67024EV	47	9301/041	M67201FV-30	47	9301/041	M67201FV-30	47
9301/041	M67201FV-30	47	9301/041	M67201FV-40	47	9301/041	M67201FV-40	47
9301/041	M67201FV-40	47	9301/041	M67201FV-50	47	9301/041	M67201FV-50	47
9301/041	M67201FV-50	47	9301/032	M67202FV	47	9543/003	MAS28137	18
9544/003	MAS28151	18	9544/007	MS-13196	18	9101/033	OP400A	42
9304/003	PAL16L8	47	9304/007	PAL20L8	47	9304/006	PAL20R8	47
9304/005	PAL22V10	47	9108/007	SG1524	42	9108/011	SG1525A	42
9102/013	UC1834	42	9108/018	UC1843	42			



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CLASS OF PUBLICATIONS

- 00 REF AND QPL ONLY
- 01 ALL DOCUMENTS PREPARED BY SCCG (See following keys)
- 02 SCC DOCUMENTS OF
 - Level 0 : Object and Basic Rules of the SCC System.
 - Level 1(1) : Organisation Documents.
 - Level 1(2) : Implementation Documents.
 - Level 1(3) : Procedures common to all Components suitable for Space application.

These are internal SCC documents and distributed to SCCG Members only.
- 03 SCC DOCUMENTS OF LEVEL 2

Basic specifications applicable to all or a broad grouping of components.

CAPACITORS

 - 79 Sectional Basic Specifications for Capacitors
 - 04 Ceramic *
 - 05 Tantalum Solid *
 - 06 Tantalum Gelled *
 - 07 Glass *
 - 09 Plastic Metallised *
 - 10 Mica *
 - 11 Filters *
 - 48 Chip Ceramic Dielectric *
 - 49 Variable *
 - 66 Chip Tantalum Solid Electrolyte *
 - 71 Leadless Surface Mounted Ta. Solid Electrolyte Enclosed Anode Connection *

MICROWAVE WAVEGUIDE

 - 63 Power Dividers Couplers R.F. Waveguide *
 - 12 RF COILS *
 - 70 FERRITE MICROWAVE COMPONENTS *

CONNECTORS

 - 83 Sectional Basic Specifications for Electrical Connectors
 - 13 Multicontact *
 - 14 Coaxial *
 - 80 Filtered Circular and Rectangular *
 - 58 ATTENUATORS AND LOADS *
 - 62 POWER DIVIDERS *

QUARTZ CRYSTAL

 - 93 Sectional Basic Specifications for Quartz Crystals
 - 15 Quartz Crystals *
 - 69 SURFACE ACOUSTIC WAVE (SAW) DEVICES *

RELAYS

 - 76 Sectional Basic Specifications for Relays
 - 16 Non-Latching *
 - 17 Latching *
 - 92 RF Coaxial Switch Latching *

SWITCHES

 - 59 Toggle Switches *
 - 67 Thermostatic Switches *

CABLES

- 19 L.F. *
- 20 R.F. *
- 82 Solid Wires for Wire Wrapping *

RESISTORS

- 84 Sectional Basic Specifications for Resistors
- 21 Film and Metal Oxide *
- 22 Wire-wound Precision *
- 23 Wire-wound Chassis-mounted *
- 25 Network Thick Film *
- 57 Thermistors *
- 64 Heaters *

DISCRETE SEMICONDUCTORS

- 26 Transistors and Diodes (Generic and Sectional Basic Specifications)
- 61 Microwave Semiconductor Components (Generic and Sectional Basic Specifications)

TRANSISTORS

- 27 Low Power NPN - Detail Specifications
- 28 Low Power PNP - Detail Specifications
- 29 High Power NPN - Detail Specifications
- 30 High Power PNP - Detail Specifications
- 31 FET N-type - Detail Specifications
- 32 FET P-type - Detail Specifications
- 33 Multiple - Detail Specifications
- 34 Switching (PNP & NPN) - Detail Specifications

OPTO-ELECTRONIC DEVICES

- 50 Photocouplers - Detail Specifications
- 55 Emitters - Detail Specifications

DIODES

- 36 Switching - Detail Specifications
- 37 Voltage Reference - Detail Specifications
- 38 Rectifier - Detail Specifications
- 53 Schottky - Detail Specifications
- 54 Miscellaneous - Detail Specifications

MICROWAVE DIODES

- 72 Oscillators - Detail Specifications
- 73 Small Signal - Detail Specifications
- 74 Large Signal - Detail Specifications

MICROWAVE TRANSISTORS

- 86 Silicon Small Signal Transistors - Detail Specifications
- 77 III-IV Small Signal Transistors - Detail Specifications
- 87 III-IV Large Signal and Oscillators - Detail Specifications
- 90 Passive Devices - Detail Specifications

- 41 INTEGRATED CIRCUITS
Generic and Sectional Basic Specifications for Linear C.MOS, Bipolar etc Devices
- 42 Linear - Detail Specifications
- 43 CMOS 4000 Series - Detail Specifications
- 44 54LS Series - Detail Specifications
- 56 54S Series - Detail Specifications
- 47 Others - Detail Specifications
- 60 54ALS Series - Detail Specifications
- 68 54HCMOS Series - Detail Specifications
- 18 Complex Devices/Microprocessors - Detail Specifications
- 75 ACMOS Series - Detail Specifications
- 85 54HSC / 54HST Series - Detail Specifications

CHARGE COUPLED DEVICES

- 78 CCD. Generic and Sectional Basic Specifications
- 81 CCD. Photo MOS Area Arrays

MONOLITHIC MICROWAVE INTEGRATED CIRCUITS

- 88 MMIC. Generic and Sectional Basic Specifications
- 91 MMIC. Cold Transistors - Detail Specifications
- 89 MMIC. Linear Gain - Detail Specifications

* A set of specifications comprises:-

- (a) One Generic Specification.
- (b) Sectional specifications (internal and external visual inspection, x-ray inspection, terms, definitions, etc.), unless they have been separately classified (e.g. classes 79, 83, 84).
- (c) Applicable Detail Specifications.