

Space

Specialist distribution for space-grade components

Supporting component selection from breadboard (BB) to flight model (FM).

Franchised QPL components from ESA-qualified manufacturers:

Capacitors	Approvals	Manufacturers
Ceramic chip	3001/038 for high-frequency SMPS	Exxelia
Composite mica	3006/022 for high-voltage applications	Exxelia
Metallised polyester	3006/024 for power supplies & EMC filtering	Exxelia
Inductors	3201/008 fixed, surface-mount RF	Exxelia

Space-grade components:

Capacitors		
Tantalum	ESCC EPPL	Exxelia
	MIL-PRF-55365 & MIL-STD-1580	Kemet
	DLA (DSCC) 95158, DLA (DSCC) 04053	
Ceramic	MIL-PRF-123, GR900, DSCC 03028 / 03029	Kemet
Hi-Q microwave	In accordance with ESCC 3009	Exxelia
Thermostats	High-precision S-311-641/02, /05, /06, /07	Klixon
Hermetic switches	MIL-S-8805	Klixon
Resistors		
Thin-film chips	MIL-PRF-55342 Space level T	TT Electronics/Vishay
	ESCC technology flow qualified manufacturer	Vishay
Thick-film chips	ESCC technology flow qualified manufacturer	Vishay
Bulk Metal® Foil	Ultra-high stability precision in accordance to	VPG
Resistor networks	MIL-PRF-83401	VPG
Opto-coupler/isolator	MIL-PRF-19500 / JAN TX, TXV,	TT Electronics
	Hall-effect to MIL-STD-883 level B, S	
Discrete Semiconductors	According to ESA SCC 5000 / ESA SCC 9000	TT Electronics
Multi-chip arrays (MCA)	Screening in accordance to ESA specifications	TT Electronics



ELECTRONICS

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