

BOM_SPP_DPU_20141017.xlsx

Comment	Description	Designator	Procurement P/N	Quantity
1N5806	150V , 2.5A UltraFast Recovery Glass Rectifier diode	D1, D2, D3, D4	JANTXVIN5806	4
HKCHIP_Aeroflex	Aeroflex Housekeeping Chip	U11	Custom	1
UT54LVDS031LVE[CFP-16]	Aeroflex, Radiation Hardened 3.3V Quad LVDS Line Driver	U5, U6	5962R9865105VYC	2
UT54LVDS032LVE[CFP-16]	Aeroflex, Radiation Hardened 3.3V Quad LVDS Line Receiver	U4, U7	5962R9865205VYC	2
UT8MR2M8[CDFF-40_Y]	Aeroflex Non-volatile MRAM 2M x 8, 16M	U3	5962R1222701QYC	1
UT8R128K32	Aeroflex SRAM 128K x 32, 4MSRAM's	U8	5962R0323601QXC	1
33nF/50V	Capacitor, CDR32, 10%, 50V	C40	CDR32BX333AKUS	1
0.01uF/100V	Capacitor, CDR32, 10%, 100V	C1, C2, C4, C6, C7, C8, C9, C10, C11, C12, C13, C15, C16,	CDR32BX103BKWS	37
100pF/100V	Capacitor, CDR32, 10%, 100V	C61, C62, C63, C64	CDR32BP101BKUS	4
0.1uF/50V	Capacitor, CDR33, 10%, 50V	C39, C41, C48, C49, C51, C54, C56, C58	CDR33BX104AKUS	8
47uF/10V	Capacitor, CWR09, 10%, 10V	C5, C14, C25, C28, C33, C38	CWR09FC476KCB	6
10uF/25V	Capacitor, CWR09, 10%, 25V	C3, C45, C50, C53, C55, C57, C59	CWR09KC106KCB	7
4.7uF/50V	Capacitor, CWR09, 10%, 50V	C52, C60	CWR09NC475KCB	2
AX250-PQ208	EM-Axcelerator AX250 FPGA, 115 User I/Os, 208-Pin PQFP device-wYAMAICHI PQ208 SOCKET	U2	EM: AX250-PQ208 FLIGHT: RTAX250SL	1
Glenair 25-pos Nano TH ST Plug	Glenair 25-pos Nano TH ST Plug Jackscrew	HET-P1, LET1-P1, LET2-P1	891-006-25PA2-BST1J-429	3
Glenair 31-pos Nano TH RA Plug	Glenair 31-pos Nano TH RA Plug	DPU-J1	891-008-31PA2-BRT1T-429	1
Glenair 51-pos Nano TH ST Receptacle	Glenair 51-pos Nano TH ST Receptacle Jackscrew	LVPS-P1	891-007-51SA2-BST1J-429	1
QT188L6S-59.2MHz	Hybrid Crystal Oscillator, B+ Series, QTech	U1	QT188L6S-59.2MHz	1
Miscellaneous Terminals	JPL, LAT/D-CEMO, PCB 62mils Thickness, Bifurcated Terminal, Hole=62mils, Pad=94mils	G*, T*	ST11204-803	5
MWDM2L-21PCBRR2-.110-429	Micro-D CBR 21-pin Connector	EPH-J5	MWDM2L-21PCBRR2-.110-429	1
MWDM-15SCBR	Micro-D SCBR 15-pin Connector	EPH-J2	MWDM2L-15SCBRR2-.110-429	1
1N6638U[D-5B]	Microsemi Hermetic Switching Diode, 150V, 300mA	D5, D6, D7	JANTXVIN6638US	3
5V, 5ppm/C	Precision 5V Reference	U13	RH1021BMH-5	1
1.0uF/25V	Presidio, X7R 1712, Cap. Ceramic, 1.0uF, 10%, 25V, MIL-PRF-123	C47	SR1712X7R105K1NT95#M123	1
RHFL4913[SMD0.5]	Radhard, Positive 5V, Fixed Voltage Regulator	U12	RHFL4913ESY5005V	1
MICROPAC_53253-108	Rad Tolerant Dual Power MOSFET Optocouplers, 90V - 0.8A, MIL-PRF38534	U9, U10	53253-108	2
20k, 1%, 25ppm/C	Resistor, RM, 1%, 25ppm/C, 250mW	R41, R43, R44	D55342E07B20E0R	3
1, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R4, R30	D55342K07B1D00S	2
10, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R34, R35, R36, R37, R38	D55342K07B10D0S	5
100, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R7, R8, R9	D55342K07B100DS	3
100K, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R28	D55342K07B100ES	1
10K, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R2, R3, R11, R39	D55342K07B10E0S	4
130, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R23, R24, R25, R26	D55342K07B130DS	4
2, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R1, R5, R6, R10, R12, R27	D55342K07B2D00S	6
28.7k, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R42	D55342K07B28E7S	1
332, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R31, R32, R33, R?	D55342K07B332DS	4
49.9K, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R29	D55342K07B49E9S	1
5110, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R13, R14, R15, R16, R17, R18, R19, R20, R21, R22	D55342K07B5E11S	10
68.1k, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R45	D55342K07B68E1S	1
76.8k, 1%	Resistor, RM, 1%, 100ppm/C, 250mW	R40	D55342K07B76E8S	1
30K, 1%	Thermistor, 30k, 1% @ -55C to +90C, 10.72 Resistance ratio, 32AWG Tinned coated solid wire	RT_1, RT_2	S311P18-09S7R6	2