

Bill of Materials

dsp\_v2.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
15	100n	CC2012-0805	C0805C104K5RAC	C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C16, C18, C19, C30, C31	Capacitor
1	5600p	CC2012-0805	C0805C562K5RAC	C13	Capacitor
2	3u3	CC3528-B	293D335X9025B2	C14, C15	Polarized capacitor
1	33u	CC7343-D	593D336X9025D2	C17	Polarized capacitor
1	TFM-150-01-S-D-RA	MHDR2X50	TFM-150-01-S-D-RA	J1	Connector 2x50 pin 0.050 inch
1	HDR1X6	HDR1X6	TSW-106-07-G-S	J4	Header 1x6 pin 0.100 inch
1	HDR2X5	HDR2X5	TSW-105-07-G-D	J7	Header 2x5 pin 0.100 inch
5	SMB-M	C2012-0805	2508055007Y0	L1, L2, L4, L5, L6	Ferrite bead
1	SMB-H	C3528	2743019446	L3	Ferrite bead
8	47K	C3216-1206	CRCW120647K5FKEA	R1, R2, R3, R4, R5, R6, R17, R18	Resistor
1	22	C3216-1206	CRCW120622R1FKEA	R7	Resistor
3	10K	C3216-1206	CRCW120610K0FKEA	R8, R9, R11	Resistor
2	10R0	C3216-1206	CRCW120610R0FKEA	R10, R16	Resistor
4	100	C3216-1206	CRCW1206100RFKEA	R12, R13, R14, R15	Resistor
2	TP	SMTF	TP-107-02	TP1, TP2	Test point
1	DP56303AG100	TQFP20X20-G144/N	DSP56303AG100	U3	Digital Signal Processor
1	LTC1688CS	SO-G16	LTC1688CS	U4	Quad RS-485 Driver
1	LTC1518CS	SO-G16	LTC1518CS	U5	Quad RS-485 Receiver
1	AT28LV256-25JI	QCC-J32	AT28LV256-25JI	U6	EEPROM 32Kx8
1	DB15HD	HD15RA/F	SPC15430	U7	High density DB15 socket
1	MAX811SEUS-T	SOT-143	MAX811SEUS-T	U8	uP voltage monitor
1	10.000MHZ	SMT4	EC2620TS-10.000M	U9	Oscillator
1	EPM7128STC100-6	TQFP14X14-G100/N	EPM7128STC100-6	U10	Programmable logic
1	LT1129IST-3.3	SOT-223	LT1129IST-3.3	U11	Voltage regulator
3	74ACT377MTC	TSOP-G20	74ACT377MTC	U12, U18, U19	Octal D-type flip-flop