

Bill of Materials

dsp_v3.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
21	100n	CC2012-0805	C0805C104K5RAC	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C16, C18, C19, C20, C21, C22, C23, C30, C31	Capacitor
1	5600p	CC2012-0805	C0805C562K5RAC	C13	Capacitor
3	3u3	CC3528-B	293D335X9025B2	C14, C15, C24	Polarized capacitor
1	33u	CC7343-D	593D336X9025D2	C17	Polarized capacitor
2	470n	CC3225-1210	GRM31MR71H474KA01	C25, C26	Capacitor
1	82p	CC2012-0805	C0805C820J5GAC	C27	Capacitor
1	TFM-150-01-S-D-RA	MHDR2X50	TFM-150-01-S-D-RA	J1	Connector 2x50 pin 0.050 inch
1	HDR2X5	HDR2X5	TSW-105-07-G-D	J7	Header 2x5 pin 0.100 inch
6	SMB-M	C2012-0805	2508055007Y0	L1, L2, L4, L7, L8, L9	Ferrite bead
1	SMB-H	C3528	2743019446	L3	Ferrite bead
10	47K	C3216-1206	CRCW120647K5FKEA	R1, R2, R3, R4, R5, R6, R17, R18, R20, R21	Resistor
2	22	C3216-1206	CRCW120622R1FKEA	R7, R8	Resistor
1	10R0	C3216-1206	CRCW120610R0FKEA	R10	Resistor
4	10K	C3216-1206	CRCW120610K0FKEA	R11, R30, R31, R32	Resistor
9	330	C3216-1206	CRCW1206332RFKEA	R24, R25, R26, R27, R28, R29, R33, R34, R35	Resistor
1	680	C3216-1206	CRCW1206680RFKEA	R36	Resistor
1	350	C3216-1206	CRCW1206348RFKEA	R37	Resistor
2	TP	SMTP	TP-107-02	TP1, TP2	Test point
1	MC100EPT22DG	SO-G8	MC100EPT22DG	U1	Dual TTL to LVPECL
1	HFBR-5905	HFBR-5905	HFBR-5905	U2	Optical transceiver
1	DSP56303AG100	TQFP20X20-G144/N	DSP56303AG100	U3	Digital Signal Processor
1	EPM7256AETC144-6	TQFP20X20-G144/N	EPM7256AETC144-6	U4	Programmable logic
1	AT28LV256-25JI	QCC-J32	AT28LV256-25JI	U6	EEPROM 32Kx8
1	MAX811SEUS-T	SOT-143	MAX811SEUS-T	U8	uP voltage monitor
1	10.000MHZ	SMT4	EC2620TS-10.000M	U9	Oscillator
1	LM3940IT-3.3	TO-220H	LM3940IT-3.3	U11	Voltage regulator
3	74ACT377MTC	TSOP-G20	74ACT377MTC	U12, U18, U19	Octal D-type flip-flop
1	MC100EPT23DG	SO-G8	MC100EPT23DG	U13	Dual LVPECL to TTL
1	SY87700LH1	TQFP7X7-G32/N	SY87700LH1	U14	Clock recovery circuit