

Bill of Materials

pci_v3.1.PRJPCB

09-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
25	100n	CC2012-0805	C0805C104K5RAC	C1, C2, C3, C4, C5, C6, C7, C8, C9, C11, C12, C13, C14, C17, C18, C19, C20, C21, C22, C28, C29, C30, C31, C32, C35	Capacitor
2	470n	CC3225-1210	GRM31MR71H474KA01	C10, C15	Capacitor
1	82p	CC2012-0805	C0805C820J5GACTU	C16	Capacitor
3	3u3	CC3528-B	293D335X9025B2	C23, C24, C33	Polarized capacitor
2	33u	CC7343-D	593D336X9025D2	C26, C34	Polarized capacitor
1	4u7	CC3225-1210	GRM31CR71E475KA88	C37	Capacitor
1	LED-G	LED-2	MR5410.MP2	D1	LED
2	LED-Y	LED-2	MR5310.MP2	D2, D3	LED
1	HDR1X2	HDR1X2	TSW-102-07-G-S	J1	Header 1x2 pin 0.100 inch
1	DB15HD	HD15RA/F	SPC15430	J2	High density DB15 connector
1	HDR1X4	HDR1X4	TSW-104-07-G-S	J3	Header 1x4 pin 0.100 inch
1	HDR2X5	HDR2X5	TSW-105-07-G-D	J6	Header 2x5 pin 0.100 inch
2	SMB-H	C3528	2743019446	L1, L9	Ferrite bead
7	SMB-M	C2012-0805	2508055007Y0	L2, L3, L4, L5, L6, L7, L8	Ferrite bead
1	PCI_CON	PCI5V32BIT	None	P1	PCI connector
10	330	C3216-1206	CRCW1206332RFKEA	R1, R2, R6, R7, R10, R13, R34, R35, R36, R37	Resistor
6	10K	C3216-1206	CRCW120610K0FKEA	R3, R4, R5, R31, R32, R33	Resistor
3	100	C3216-1206	CRCW1206100RFKEA	R8, R9, R11	Resistor
12	22	C3216-1206	CRCW120622R1FKEA	R12, R14, R15, R16, R19, R20, R21, R22, R23, R24, R25, R26	Resistor
2	4K7	C3216-1206	CRCW12064K75FKEA	R17, R18	Resistor
4	47K	C3216-1206	CRCW120647K5FKEA	R27, R28, R39, R40	Resistor
2	33	C3216-1206	CRCW120633R2FKEA	R29, R30	Resistor
1	680	C3216-1206	CRCW1206680RFKEA	R41	Resistor
1	350	C3216-1206	CRCW1206348RFKEA	R42	Resistor
3	10K	SIP-10	4310R-101-103	RN6, RN7, RN8	Resistor Network
1	TP	TP50	None	TP1	Test point
2	TP	SMTP	TP-107-02	TP2, TP3	Test point
1	S5920Q	QFP28X28-G160/N	S5920Q	U1	PCI interface chip
1	LM3940IT-3.3	TO-220H	LM3940IT-3.3	U2	Voltage regulator
1	CY7C4265-15ASC	TQFP10X10-G64/N	CY7C4265-15ASC	U3	FIFO 16Kx18
1	HFBR-5905	HFBR-5905	HFBR-5905	U4	Optical transceiver
1	EPM7256AETC144-6	TQFP20X20-G144/N	EPM7256AETC144-6	U5	Programmable logic
1	SY87700LH1	TQFP7X7-G32/N	SY87700LH1	U6	Clock recovery circuit
1	X24C08PI	DIP-8	XC24C08PI	U7	Serial EEPROM
1	LTC1688CS	SO-G16	LTC1688CS	U8	Quad RS-485 Driver
1	LTC1518CS	SO-G16	LTC1518CS	U9	Quad RS-485 Receiver
1	MC100EPT22D	SO-G8	MC100EPT22D	U10	Dual TTL to LVPECL
1	MC100EPT23D	SO-G8	MC100EPT23D	U11	Dual LVPECL to TTL
1	XC283-ND	OSC-8	XC283-ND	Y1	Oscillator