



Title		3A Core and I/O Solution for	
Size		Cyclone/Stratix/Stratix GX	
B	Number	PR346	Rev
Date	08/19/04	Drawn by	
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Filename: PR346_bom.xls					
Date: 08/20/2004					
PR346 BOM					
COUNT	RefDes	DESCRIPTION	SIZE	MFR	Part Number
2	C1, C11	Capacitor, Ceramic, 0.1 uF, 16-V, X7R, 10%	603	muRata	GRM188R71C104KA01D
2	C10, C20	Capacitor, Ceramic, 0.033-uF, 50-V, X7R, 10%	603	muRata	GRM188R71H333KA61D
2	C2, C12	Capacitor, Ceramic, 10-uF, 25-V, X5R, 20%	1210	Taiyo Yuden	TMK325BJ106MN
4	C3, C4, C13, C14	Capacitor, POSCAP, 100-uF, 6.3-V, 45-milliohm, 20%	7343 (D)	Sanyo	6TPC100M
2	C5, C15	Capacitor, Ceramic, 1.0-uF, 16-V, X7R, 10%	1206	muRata	GRM319R71C105KC11D
2	C6, C16	Capacitor, Ceramic, 3300-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H332KA01D
2	C7, C17	Capacitor, Ceramic, 0.082-uF, 16-V, X7R, 10%	603	muRata	GRM188R71C823KC01
2	C8, C18	Capacitor, Ceramic, 0.047-uF, 50-V, X7R, 15%	603	muRata	GRM188R71H473KA61D
2	C9, C19	Capacitor, Ceramic, 1800-pF, 50-V, C0G, 5%	603	muRata	GRM1885C1H182JA01D
2	L1, L2	Inductor, SMT, 10-uH, 8-A, 20-milliohm	0.51 x 0.51	Vishay	IHLP-5050CZ
2	Q1, Q2	Transistor, MOSFET, Nch, 11.5A, 30V 9.5 millohm	0.160 x 0.130	Fairchild	FDR6674A
1	R1	Resistor, Chip, 10.0k-Ohms, 1/16-W, 1%	603	Std	Std
1	R14	Resistor, Chip, 1.47k-Ohms, 1/16-W, 1%	603	Std	Std
2	R2, R9	Resistor, Chip, 4.7-Ohms, ½ W, 5%	2010	Std	Std
2	R3, R11	Resistor, Chip, 2.00k-Ohms, 1/16-W, 1%	603	Std	Std
2	R4, R12	Resistor, Chip, 768 Ohms, 1/16-W, 1%	603	Std	Std
3	R5, R10, R13	Resistor, Chip, 1.00k-Ohms, 1/16-W, 1%	603	Std	Std
1	R6	Resistor, Chip, 374-Ohms, 1/16-W, 1%	603	Std	Std
2	R7, R15	Resistor, Chip, 137-Ohms, 1/16-W, 1%	603	Std	Std
1	R8	Resistor, Chip, 6.34k-Ohms, 1/16-W, 1%	603	Std	Std
2	U1, U2	IC, IFET 3A, DC/DC Converter, 4.5V-20V	PWP16	TI	TPS54350PWP

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