



Title		DC/DC Converter Solution	
for MAX11 CPLD			
Size	Number	PR360	Rev
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Date: 08/24/2004					
PR360 BOM					
COUNT	RefDes	DESCRIPTION	SIZE	MFR	Part Number
1	C1	Capacitor, Ceramic, 10-uF, 25-V, X5R, 20%	1210	Taiyo Yuden	TMK325BJ106MN
1	C2	Capacitor, Ceramic, 0.047-uF, 50-V, X7R, 15%	603	muRata	GRM188R71H473KA61D
1	C3	Capacitor, Ceramic, 0.082-uF, 16-V, X7R, 10%	603	AVX	0603YC823KAT2A
1	C4	Capacitor, Ceramic, 1800-pF, 50-V, C0G, 5%	603	muRata	GRM1885C1H182JA01D
1	C5	Capacitor, Ceramic, 0.1 uF, 16-V, X7R, 10%	603	muRata	GRM188R71C104KA01D
1	C6	Capacitor, Ceramic, 1.0-uF, 16-V, X7R, 10%	1206	muRata	GRM319R71C105KC11D
1	C7	Capacitor, Ceramic, 3300-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H332KA01D
1	C8	Capacitor, Ceramic, 0.033-uF, 50-V, X7R, 10%	603	muRata	GRM188R71H333KA61D
1	C9	Capacitor, POSCAP, 100-uF, 6.3-V, 45-milliohm, 20%	7343 (D)	Sanyo	6TPC100M
1	L1	Inductor, SMT, 10-uH, 8-A, 20-milliohm	0.51 x 0.51	Vishay	IHLP-5050CZ
1	Q1	Transistor, MOSFET, Nch, 11.5A, 30V 9.5 millohm	0.160 x 0.130	Fairchild	FDR6674A
1	R1	Resistor, Chip, 6.34k-Ohms, 1/16-W, 1%	603	Std	Std
2	R2, R8	Resistor, Chip, 1.00k-Ohms, 1/16-W, 1%	603	Std	Std
1	R3	Resistor, Chip, 2.00k-Ohms, 1/16-W, 1%	603	Std	Std
1	R4	Resistor, Chip, 768 Ohms, 1/16-W, 1%	603	Std	Std
1	R5	Resistor, Chip, 374-Ohms, 1/16-W, 1%	603	Std	Std
1	R6	Resistor, Chip, 137-Ohms, 1/16-W, 1%	603	Std	Std
1	R7	Resistor, Chip, 4.7-Ohms, 1/2 W, 5%	2010	Std	Std
1	U1	IC, 3A IFET DC/DC Converter	PWP16	TI	TPS54350PWP

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