



Title		1.5A Core and I/O Solution for	
Size		Cyclone/Stratix/Stratix GX	
Number		PR340	
Date	08/19/04	Drawn by	
Filename	pr340.sch	Sheet	of

Filename: PR340_bom.xls					
Date: 08/19/2004					
		<b>PR340 BOM</b>			
<b>COUNT</b>	<b>RefDes</b>	<b>Description</b>	<b>Size</b>	<b>MFR</b>	<b>Part Number</b>
1	C1	Capacitor, 560-pF, 50-V, C0G, 5%	402	muRata	GRM1555C1H561JA01D
1	C2	Capacitor, 1000-pF, 50-V, X7R, 15%	402	muRata	GRM155R71H102KA01D
1	C3	Capacitor, 47-pF, 50-V, C0G, 5%	402	muRata	GRM1555C1H470JZ01D
2	C4, C7	Capacitor, 0.047-uF, 10-V, X7R, 15%	402	muRata	GRM155R71A473KA01D
1	C5	Capacitor, 0.1-uF, 16-V, X5R, 15%	402	muRata	GRM155R61C104KA88D
4	C6, C8, C10, C11	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10%	805	muRata	GRM219R60J106KE19D
1	C9	Capacitor, Tantalum, 220-uF, 10-V, 100-milliohm, 20%	7343 (D)	Vishay	593D227X0010D2T
1	L1	Inductor, SMT, 1-uH, 11-A, 9-milliohm	0.25 x 0.27	Vishay	IHLP2525CZ-01
2	R1, R4	Resistor, Chip, 10.0k-Ohms, 1/16-W, 1%	402	Std	Std
1	R2	Resistor, Chip, 432-Ohms, 1/16-W, 1%	402	Std	Std
1	R3	Resistor, Chip, 71.5k-Ohms, 1/16-W, 1%	402	Std	Std
1	R5	Resistor, Chip, 1.74k-Ohms, 1/16-W, 1%	402	Std	Std
1	R6	Resistor, Chip, 14.7k-Ohms, 1/16-W, 1%	402	Std	Std
1	U1	IC, IFET Power Controller, Adj-V, 1.5A	PWP20	TI	TPS54110PWP
1	U2	IC, Ultra Low-Noise, High PSRR, Fast RF 1.5A LDO Linear Regulator	DDPAK-5	TI	TPS78633KTT

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