



Title		800mA Core and I/O LDO Solution	
Size		for Cyclone Stratix Stratix GX	
Number	PR338	Rev	
Date	8/16/04	Drawn by	
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Filename: PR338_bom.xls					
Date: 08/20/2004					
		<b>PR338 BOM</b>			
<b>COUNT</b>	<b>RefDes</b>	<b>DESCRIPTION</b>	<b>SIZE</b>	<b>MFR</b>	<b>Part Number</b>
3	C1, C3, C7	Capacitor, Tantalum, 100-uF, 6.3-V	3528 (B)	Vishay	594D107X06R3B2T
2	C2, C9	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J106KE01
4	C4, C5, C8, C10	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 10%	603	muRata	GRM188R71E104KA01
1	C6	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	603	muRata	GRM188R61A105KA61
1	Q1	MOSFET, N-ch, 60-V,3.2-A, 100-milliOhms	TSOP-6	Vishay	Si3460DV
1	R1	Resistor, Chip, 51.1k-Ohms, 1/16-W, 1%	603	Std	Std
1	R2	Resistor, Chip, 100k-Ohms, 1/16-W, 1%	603	Std	Std
1	R3	Resistor, Chip, 10.0k-Ohms, 1/16-W, 1%	603	Std	Std
2	R4, R6	Resistor, Chip, 31.6k-Ohms, 1/16-W, 1%	603	Std	Std
2	R5, R8	Resistor, Chip, 30.1k-Ohms, 1/16-W, 1%	603	Std	Std
1	R7	Resistor, Chip, 100-Ohms, 1/16-W, 1%	603	Std	Std
1	U1	IC, LDO Regulator, Adj-V, 1-A	PWP24	TI	TPS70402PWP
1	U2	IC, Voltage Supervisor, Micropower	35630	TI	TLC7733QD

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