



Title	TPS75003		
Size	Number	Rev	
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Date: 06/08/2005					
PR485 BOM					
COUNT	RefDes	DESCRIPTION	SIZE	Part Number	MFR
1	C1	Capacitor, POSCAP, 100-uF, 6.3-V, 45-milliohm, 20%	6032 (C)	6TPB100MC	Sanyo
1	C10	Capacitor, Ceramic, 10-pF, 50-V, C0G, 5%	0603	C1608C0G1H100D	TDK
2	C12, C13	Capacitor, Tantalum, 16-V, 110-milliohm, 20%	6032 (C)	594D176X0016C2T	Vishay
2	C2, C4	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 10%	0603	C1608X7R1C104K	TDK
2	C3, C5	Capacitor, Ceramic, 1500-pF, 50-V, X7R, 10%	0603	C1608X7R1H152K	TDK
1	C6	Capacitor, Ceramic, 1.0-uF, 6.3-V, X5R, 10%	0603	C1608X5R0J105K	TDK
1	C7	Capacitor, Ceramic, 0.01-uF, 50-V, X7R, 10%	0603	C1608X7R1H103K	TDK
3	C8, C9, C14	Capacitor, Ceramic, 10-uF, 10-V, X5R, 20%	0805	C2012X5R1A106MT	TDK
2	D1, D2	Diode, Schottky, 2-A, 30-V	SMB	20BQ030TR	IR
1	L1	Inductor, SMT, 10uH, 1.4-mA, 63.6-milliohm	0.276 sq in	SLF7032T-100M1R4-2	TDK
1	L2	Inductor, SMT, 22uH, yy-A, zz-milliohm	0.300 sq in	DR73-220	Coiltronics
2	Q1, Q2	MOSFET, P-ch, 20-V, 2.2-A, 100-milliOhm	SOT23	Si2301BDS	Vishay
1	R10	Resistor, Chip, 0-Ohms, 1/16W, 5%	0603	Std	Std
2	R4, R5	Resistor, Chip, 0.068-Ohms, ¼ W, 1%	1210	Std	Std
1	R6	Resistor, Chip, 61.9k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R7	Resistor, Chip, 15.4k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R8	Resistor, Chip, 619k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R9	Resistor, Chip, 365k-Ohms, 1/16-W, 1%	0603	Std	Std
1	U1	IC, Triple Channel DC/DC Converter	QFN-20	TPS75003RHRLR	TI

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