

Filename: PR705E-1_bom.xls						
Date: 05/30/2007						
PR705E-1 BOM						
COUNT	RefDes	Value	DESCRIPTION	SIZE	Part Number	MFR
2	C1, C2	10uF	Capacitor, Ceramic, 25V, X7R,10%	1210	C3225X7R1E106K	TDK
1	C3	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H103K	TDK
1	C4	220uF	Capacitor, POSCAP, 10V, 40milliohm, 20%	7343(D)	10TPB220M	Sanyo
1	D1		Diode, Schottky Barrier Rectifier, 3A, 40V	SMA	B340A	Diodes Inc
2	J1, J2		Terminal Block, 2 pin, 6A, 3.5mm	0.27 x 0.25	ED1514	OST
1	JP1		Header, 2 pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins
1	L1	15uH	Inductor, SMT, 3.4A, 41milliohm	0.405 sq inch	CDRH105R-150	Sumida
1	R1	0	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R2	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	3.24k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	TP1, TP3, TP5, TP6		Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100	5000	Keystone
2	TP2, TP4		Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100	5001	Keystone
1	U1		IC, Switching Step-Down Regulator, 5.5V-36V, 3A	SO8[DDA]	TPS5430DDA	TI
Notes:						
1. These assemblies are ESD sensitive, ESD precautions shall be observed.						
2. These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.						
3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.						
4. Ref designators marked with an asterisk (***) cannot be substituted. All other components can be substituted with equivalent MFG's components.						

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