



Title			TPS54350 w/ SYNC		
Size	Number			Rev	
B	N/A			E1	
Date	9/8/06	Drawn by		J.TUCKER	
Filename	350_SYNC_FPGA.d	Sheet		1 of 1	

## TPS54350\_SYNC\_FPGA BOM

COUNT	RefDes	DESCRIPTION	SIZE	MFR	Part Number
4	C1, C5, C11, C15	Capacitor, Ceramic, 0.1 uF, 16-V, X7R, 10%	603	std	std
2	C2, C12	Capacitor, OS CON, 16V, 30milliohm, 82-uF, 20%	0.315 inch	Sanyo	STD
2	C3, C13	Capacitor, Ceramic, 10-uF, 25-V, X5R, 20%	1210	Taiyo Yuden	TMK325BJ106MN
2	C4, C14	Capacitor, POSCAP, 100-uF, 6.3-V, 45-milliohm, 20%	7343 (D)	Sanyo	6TPC100M
2	C6, C16	Capacitor, Ceramic, 1.0-uF, 16-V, X7R, 10%	1206	std	std
4	C7, C10, C17, C20	Capacitor, Ceramic, 3300-pF, 50-V, X7R, 10%	603	std	std
2	C8, C18	Capacitor, Ceramic, 8200-pF, 50-V, X7R, 10%	603	std	std
2	C9, C19	Capacitor, Ceramic, 180-pF, 50-V, X7R, 10%	603	std	std
2	L1, L2	Inductor, SMT, 10-uH, 8-A, 20-milliohm	0.51 x 0.51	Vishay	IHLP-5050CZ
2	Q1, Q2	Transistor, MOSFET, Nch, 11.5A, 30V 9.5 milliohm	0.160 x 0.130	Fairchild	FDR6674A
5	R1, R4, R7, R10, R12	Resistor, Chip, 10.0k-Ohms, 1/16-W, 1%	603	std	std
1	R14	Resistor, Chip, 3.74k-Ohms, 1/16-W, 1%	603	std	std
2	R2, R8	Resistor, Chip, 4.7-Ohms, ½ W, 5%	2010	std	std
2	R3, R11	Resistor, Chip, 7.68k-Ohms, 1/16-W, 1%	603	std	std
2	R5, R13	Resistor, Chip, 1.37k-Ohms, 1/16-W, 1%	603	std	std
1	R6	Resistor, Chip, 28.7k-Ohms, 1/16-W, 1%	603	std	std
1	R9	Resistor, Chip, 237k-Ohms, 1/16-W, 1%	603	std	std
2	U1, U2	IC,	PWP16	TI	TPS54350PWP

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