



Title		Sportan-3 SWIFT Based	
Size		1.5A, 5V Solution	
B	Number	PR302	Rev
Date	4/06/04	Drawn by	of
Filename		pr302.sch	Sheet

Filename: PR302_bom.xls					
Date: 04/06/2004					
PR302 BOM					
COUNT	RefDes	DESCRIPTION	SIZE	MFR	PART NUMBER
2	C1, C4	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J106KE01
2	C10, C15	Capacitor, Ceramic, 3300-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H332KA01
2	C11, C22	Capacitor, Ceramic, 22-uF, 10-V, X5R, 10%	1210	muRata	GRM32ER61A226KA65
2	C17, C26	Capacitor, Ceramic, 2700-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H272KA01D
2	C18, C19	Capacitor, Ceramic, 470-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H471KA01
4	C2, C3, C12, C16	Capacitor, Tantalum, 330-uF, 6.3-V, 600-milliohm, 20%	7343(D)	Vishay	293D337X96R3D2
1	C24	Capacitor, Ceramic, 0.33-uF, 10-V, X5R, 10%	603	muRata	GRM188R61A334KA61
1	C5	Capacitor, Ceramic, 0.056-uF, 16-V, X7R, 10%	603	muRata	GRM188R71C563KC01
2	C6, C21	Capacitor, Ceramic, 1.0-uF, 6.3-V, X5R, 10%	603	muRata	GRM188R60J105KA01
2	C7, C23	Capacitor, Ceramic, 2.2-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J225KC01
2	C8, C20	Capacitor, Ceramic, 27-pF, 50-V, C0G, 5%	603	muRata	GRM1885C1H270JA01D
2	C9, C25	Capacitor, Ceramic, 0.047-uF, 25-V, X7R, 10%	603	muRata	GRM188R71E473KA01
2	L1, L2	Inductor, SMT, 6.8-uH, 2.2-A, 75-milliohm	0.51x0.37	Coilcraft	DS3316P-682
3	R1, R9, R16	Resistor, Chip, 71.5k-Ohms, 1/16-W, 1%	603	Std	Std
1	R13	Resistor, Chip, 3.74k-Ohms, 1/16-W, 1%	603	Std	Std
1	R15	Resistor, Chip, 511k-Ohms, 1/8-W, 1%	1206	Std	Std
2	R2, R10	Resistor, Chip, 2.4-Ohms, 1/8-W, 1%	1206	Std	Std
2	R3, R11	Resistor, Chip, 30.1k-Ohms, 1/16-W, 1%	603	Std	Std
3	R4, R7, R12	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	603	Std	Std
1	R5	Resistor, Chip, 28.7k-Ohms, 1/16-W, 1%	603	Std	Std
2	R6, R14	Resistor, Chip, 1.91k-Ohms, 1/16-W, 1%	603	Std	Std
2	U1, U3	IC, SWIFT Power Controller, Adj-V, 1.5A	PWP20	TI	TPS54110PWP
1	U2	IC, Utralow-Noise, High PSRR, Fast RF 250 mA, LDO Linear Regulators, 2.5-V	MSOP-8	TI	TPS79425DGN

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