

Bill of Materials:

MR16 Rev C (L5973D) Revised: Thursday, August 04, 2005

PSAL05-17 Revision: 1

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Quantity	Part Reference	Part Description	Mfg P/N	Mfg	Geometry	Mounting
1	C1	1200uF/35V electrolytic	EEU-FC1V122L	Panasonic	Radial	TH
1	C2	220pF/50V ceramic				SMD
1	C3	22nF/50V ceramic				SMD
1	C4	22nF/50V ceramic				SMD
1	C5	4.7nF/50V ceramic				SMD
1	D2	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	D4	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	D5	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	D6	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	D7	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	J1	Phoenix 2 Pin Connector	MKDSN1.5/2	Phoenix Contact		TH
1	J2	Current Select Jumper	22- 28 -8020	Molex		TH
1	J3	Stackable Receptacle	535676-5	Tyco		TH
1	J4	Current Select Jumper	22- 28 -8020	Molex	6 Pin	TH
1	L1	Inductor	DO3316P-683	Coilcraft		SMD
1	Q1	PNP Transistor	MMBT3906	STMicroelectronics	SOT23	SMD
1	Rs	0.68ohms 1% 1/4W			2010	SMD
1	Rs2	0.68ohms 1% 1/4W			2010	SMD
1	Rs3	0.68ohms 1% 1/4W			2010	SMD
1	R1	2.74kohms 1% 1/8W			0805	SMD
1	R2	1.33kohms 1% 1/8W			0805	SMD
1	R3	4.7kohms 5% 1/8W			0805	SMD
1	R4	240kohms 5% 1/8W			0805	SMD
1	U1	Step-down controller	L5973D	STMicroelectronics	SO8	SMD