

PSU-8a - Micro Supply Full Kit

Item	Description	Qty	Designator	Package
	PCB			
1	PSU-8 - Micro Supply PCB V0.0	1		-
	KITS			
2	PSU-8a - Micro Supply Component Kit V0.0	1		-

Bill of Materials for PSU-8a - Micro Supply Full Kit V0.0
PSU-8a - Micro Supply Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	100nF Ceramic	2	C4, C8	RAD-0.2N
2	10uF 35V Tantalum	2	C5, C9	RB-D7.5-P5.0
3	100uF 25V Electrolytic	2	C1, C6	RB-D6.3-P2.5
4	4u7 Ceramic X7R	3	C2, C3, C7	0805
CONNECTOR				
5	FASTON 6.3mm x 0.8mm PCB TAB	5	J1, J2, J3, J4, J5	-
6	KK396 - 4-way Straight - Locking Header	1	J6	-
7	KK396 - 4-way Crimp Housing	1	J6	3.96MM
8	Crimp - KK396	4		-
LINEAR				
9	PTN78000A - Isolated -3 to -15V 9W DC/DC Converter	1	U1	-
INDUCTOR				
10	Ferrite Bead - 0.45uH 7A	3	L1, L2, L3	AXIAL-0.3
OPTO-ELECTRONIC				
11	3mm HE-Green LED	2	D1, D2	-
RESISTOR				
12	1K96 1% 0.5W Metal Film	1	R2	AXIAL-0.4
13	2K2 1% 0.5W Metal Film	2	R1, R3	AXIAL-0.4
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