

**SMPS AAF R1 BOM**

<b>Mouser #</b>	<b>Mfr. #</b>	<b>Manufacturer</b>	<b>Customer #</b>	<b>Description</b>	<b>Qty.</b>
810-YFF31HC2A105MTHN	YFF31HC2A105MT000N	KEMET	AAF C1, C3	EMI Feedthrough Filters 1206 100V 1uF X7S 20% 6A	2
80-ESH477M050AH4AA	ESH477M050AH4AA	KEMET	AAF C2,C4	Electrolytic Capacitors - Radial Leaded 50V 470uF	2
576-P6SMB68A	P6SMB68A	Littelfuse	AAF-D1	TVS Diodes ZEN SMB TVS 600W 68V TR	1
710-74279252	74279252	Würth	AAF FB1	WE-CBF SMD Bead 100MHz 35 mOhms 4000mA	1
490-PJ-037BH	PJ-037BH	CUI Devices	AAF J1, J2	DC Power Connectors Power Jacks	2
652-SRR1280-100M	SRR1280-100M	Bourns	AAF L1, L2	Power Inductors - SMD 10uH 20% SMD 1280	2
667-ERJ-D1CFR100U	ERJ-D1CFR100U	Panasonic	AAF R1, R3	Thick Film Resistors - SMD 1020 2W 1% 100mOhm	2
603-RT1206FRE07750RL	RT1206FRE07750RL	YAGEO	AAF R2, R4	Thin Film Resistors - SMD 1/4W 750 ohm 1% 50ppm	2
546-1551UGY	1551UGY	Hammond	AAF Encl	Enclosures, Boxes, & Cases 100 X 40 X 20MM ABS GREY	1
				SMPS AAF R0 PCB	1
				1" square double sided foam mounting tape	2
				18ga/5A 5.5/2.5mm plug to 5.5/2.5mm plug cable	1
				#2 x 1/4" pan head sheet metal screw	4
				M3 plastic washer	4
Optional power switching circuit:					
612-200MSP1T1B2M6QE	200MSP1T1B2M6QE	E-Switch	AAF S1	Toggle Switches 3A 120VAC / 28VDC On-None-On PC Mnt	1
630-HLMP-1700	HLMP-1700	Broadcom	AAF D2	3mm LEDs - Through Hole Red Diffused 635nm 2.3mcd	1
594-SFR2500001002FA5	SFR2500001002FA500	Vishay	AAF R6	Metal Film Resistors - Through Hole .4w 10Kohms 1%	1
995-SL0560001	SL05 60001	Ametherm	AAF R5	Inrush Current Limiters 60 ohm 15% 1A 5.5MM	1