



### MAX603pw PART LIST

**Configuration 1:** 1.25V to 6V variable output:

Mount U1, C1, C2, C3, C4, R1 & R2.

**Configuration 2:** Fixed 5V output:

Mount U1, C1, C2, C3, C4. Mount R4 with the value 00hm.

It is also possible to use fixed resistors instead of R1 and R2.

Connect power source to GND IN and IN+. To use optional fused input, mount F1 and use GDN IN and FUSED IN+ as inputs.

Part	Part#	Brand	Value/V/size	Type	Documentation URL
U1	MAX603	Maxim	603CPA DIL8	Voltage regulator	<a href="http://www.elfa.se/pdf/73/732/07325699.pdf">http://www.elfa.se/pdf/73/732/07325699.pdf</a>
F1	451.500	Littlefuse	500mA	SMD Fuse	<a href="http://www.elfa.se/pdf/33/03302908.pdf">http://www.elfa.se/pdf/33/03302908.pdf</a>
C1, C2		Jamicon	10uF 25V	Capacitor	<a href="http://www.elfa.se/pdf/67/06700017.pdf">http://www.elfa.se/pdf/67/06700017.pdf</a>
C3, C4		Kemet	1uF 16V 1206	SMD capacitor	<a href="http://www.elfa.se/pdf/65/06574610.pdf">http://www.elfa.se/pdf/65/06574610.pdf</a>
R1	23B	BI Technologies	20k	SMD pot.meter	<a href="http://www.elfa.se/pdf/64/06432033.pdf">http://www.elfa.se/pdf/64/06432033.pdf</a>
R2	23B	BI Technologies	2k	SMD pot.meter	<a href="http://www.elfa.se/pdf/64/06432033.pdf">http://www.elfa.se/pdf/64/06432033.pdf</a>
R3				SMD resistor in 1206 size	
R4				SMD resistor in 1206 size	