



Daughterboard, Bill of Materials

Designator	Value	Description	Footprint
C1001	1 μ F	Capacitor, Tantalum, +/- 20%, 20V	1206
C1002	0.47 μ F	Capacitor, Tantalum, +/- 20%, 20V	1206
C1003	1 μ F	Capacitor, Tantalum, +/- 20%, 20V	1206
C1004	1 μ F	Capacitor, Tantalum, +/- 20%, 20V	1206
C1005	1 μ F	Capacitor, Tantalum, +/- 20%, 20V	1206
L1001	15 μ H	Switch mode inductor, saturation current > 350mA, resistance < 1 ohm	1812
D1001		Silicon diode, Philips PMBD6050	SOT-23
J1001		Female D-SUB 9-pin RS232 connectvor	Axial
P1001		Header, 6-pin, dual row	Axial
P1002		Header, 10-pin, dual row	Axial
P1003		Connector, Molex 52435-3072	SMD
R1001	1k Ω	Resistor, 5%	0603
R1002	1k Ω	Resistor, 5%	0603
R1003	220 Ω	Resistor, 5%	0603
R1004	1k Ω	Resistor, 5%	0603
R1005		Not fitted	0603
U1001		RS232 Transceiver, Maxim MAX3218CAP	SSOP20

Figure 1 Daughterboard Bill of Materials