

## MAXREFDES117 BOM

Designation	Qty	Description
C1, C2	2	1uF 10%, 10V, X5R ceramic capacitor (0402) Murata GRM155R61A105K
C3, C4	2	4.7uF 20%, 6.3V, X5R ceramic capacitor (0402) Murata GRM155R60J475M
C5	1	5600pF 10% 25V, X7R ceramic capacitor (0402) Murata GRM155R71E562KA01D
C6, C7	2	0.1uF 16V 10% X7R ceramic capacitor (0402) TDK C1005X7R1C104K050BC
L1	1	4.7uH 500mA 240mOhm Inductor (0603) TDK GLFR1608T4R7M-LR
R1 - R5	5	4.7K ohm 5% resistor (0402) ANY ANY
R6	1	4.75k ohm 5% resistor (0402) ANY ANY
U1	1	Pulse Oximeter and Heart Rate Sensor (14-OESIP) Maxim MAX30102EFD+
U2	1	Level Translator (8-TDFN) Maxim MAX14595ETA+
U3	1	Step-Down DC-DC Converter (6-SOT23) Maxim MAX1921EUT18+
GND, /INT (x2), SCL (x2), SDA (x2), VIN	0	Threadable Pad
PCB	1	PC board: MAXREFDES117# Heart Rate & SpO2 Module