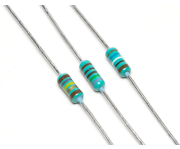













ASSEMBLY: ERIN GEE'S BIODATA TRIO BOARD

To avoid awkward soldering, solder/add the parts from top to bottom

Part/OR label on board	Part type	Value	Digikey Part# OR Extra Info
R11	 1/4W Resistors	Brown Black Orange	10k
R1		Orange Orange Red	3.3k
R3		Brown Black Green	1M
R12		Brown Black Yellow	100k
R2		Brown Black Red	1k
R7		Brown Black Blue	10M
R9		Orange Orange Red	3.3k
R8, R10		Orange Orange Green	3.3M
C1, C2	 Ceramic capacitor	0.1uF	399-9858-1-ND
C4	 Ceramic capacitor	0.01uF	
U2	 IC socket	8 (2x4) pin	1175-1467-ND
U2	 IC	MCP6002	MCP6002-I/P-ND.
LED1	 Standard 3mm	Standard 3mm	LED indicates that power is connected (optional)
J2, J3	 Screw Terminal	NB: these lock together	ED1623-ND
J1	 Screw Terminal	NB: these lock together	ED1624-ND
C5	 Electrolytic capacitor	220uF	
C3	 Electrolytic capacitor	47uF	732-8791-1-ND
Temperature sensor is not on the board itself	 Thermistor	10k 0.1C	615-1003-ND
Heart sensor is not on the board itself	 Pulse Sensor	Set up the sensor before use! Click here	http://www.pulsesensor.com
Two identical conductive pads	GSR Sensor(s)	Make with copper, copper tape, conductive screws, etc. Use shielded cable.	