

ASSEMBLY: ERIN GEE'S BIODATA TRIO BOARD

To avoid awkward soldering, solder/add the parts in suggested order

Part/OR label on board	Part type		Value	Digikey Part# OR Where to order
R11	 Resistors	Brown Black Orange	10k	CF14JT10K0CT
R1		Grey Red Brown	820 ohms	
R3		Brown Black Green	1M	
R12		Brown Black Yellow	100k	
R2		Brown Black Red	1k	
R7		Brown Black Blue	10M	CF14JT10M0CT-ND
R9		Orange Orange Red	3.3k	CF14JT3K30CT-ND
R8, R10		Orange Orange Green	3.3M	CF14JT3M30CT-ND
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	
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)		DIY with copper, copper tape, conductive screws, etc. Use shielded cable.	