

Bill of Materials: HSU Sensor Board

Tuesday, February 5 2013

Assembly List

Label	Part Type	Properties
C1	Ceramic Capacitor	package 100 mil [THT, multilayer]; capacitance 0.1 μ F; voltage 6.3V
J1	Generic male header - 7 pins	package THT; gender ♂; pins 7; pin spacing 0.1in (2.54mm)
MLX90614	MLX90614 Infrared Thermometer	
R1	4.7k Ω Resistor	package THT; tolerance $\pm 5\%$; bands 4; resistance 4.7k Ω ; pin spacing 400 mil
R2	4.7k Ω Resistor	package THT; tolerance $\pm 5\%$; bands 4; resistance 4.7k Ω ; pin spacing 400 mil

Shopping List

Amount	Part Type	Properties
1	MLX90614 Infrared Thermometer	
1	Ceramic Capacitor	package 100 mil [THT, multilayer]; capacitance 0.1 μ F; voltage 6.3V
1	Generic male header - 7 pins	package THT; gender ♂; pins 7; pin spacing 0.1in (2.54mm)
2	4.7k Ω Resistor	package THT; tolerance $\pm 5\%$; bands 4; resistance 4.7k Ω ; pin spacing 400 mil

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