

Bill of Materials: wired_sensor_PCB.fzz

/home/toyos/gitroot/semaforo_ruido_github/PCBs/wired_sensor_PCB/wired_sensor_PCB.fzz

martes, enero 21 2014, 22:05:40

Assembly List

| Label | Part Type | Properties |
|-------|------------------------------|--|
| C1 | Ceramic Capacitor | paquete 200 mil [THT, multilayer]; capacitance 0.1µF; Voltaje 6.3V; part number 0.1uF |
| C2 | Electrolytic Capacitor | paquete 100 mil [THT, electrolytic]; capacitance 4.7µF; Voltaje 6.3V; part number 4.7uF |
| C3 | Electrolytic Capacitor | paquete 100 mil [THT, electrolytic]; capacitance 4.7µF; Voltaje 6.3V; part number 4.7uF |
| C4 | Ceramic Capacitor | paquete 200 mil [THT, multilayer]; capacitance 0.1µF; Voltaje 6.3V; part number 0.1uF |
| C5 | Ceramic Capacitor | paquete 200 mil [THT, multilayer]; capacitance 0.1µF; Voltaje 6.3V; part number 0.1uF |
| J1 | Generic male header - 3 pins | paquete THT; Tamaño del hoyo 0.8mm,0.5mm; row single; forma ♂ (male); pins 3; espacio entre pines 0.1in (2.54mm) |
| LM358 | LM 358 Dual Op-Amp | paquete DIP8 [THT]; part number LM358 |
| MIC1 | Microphone | |
| R1 | 1k Ω Resistor | paquete THT; tolerance ±5%; bands 4; Resistencia 1kΩ; power 250mW; espacio entre pines 400 mil; part number 1kΩ |

| Label | Part Type | Properties |
|-------|-----------------------|---|
| R2 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| R3 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| R4 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| R5 | 1k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 1k Ω ; power 250mW; espacio entre pines 400 mil; part number 1k Ω |
| R6 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| R7 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| R8 | Trimmer Potentiometer | paquete THT; tamaño Trimmer - 12mm; track Linear; Tipo Trimmer Potentiometer; power 0.25W; máxima resistencia 5k Ω ; part number 5k Ω |

Shopping List

| Amount | Part Type | Properties |
|--------|------------------------------|--|
| 3 | Ceramic Capacitor | paquete 200 mil [THT, multilayer]; capacitance 0.1 μ F; Voltaje 6.3V; part number 0.1uF |
| 2 | Electrolytic Capacitor | paquete 100 mil [THT, electrolytic]; capacitance 4.7 μ F; Voltaje 6.3V; part number 4.7uF |
| 1 | Generic male header - 3 pins | paquete THT; Tamaño del hoyo 0.8mm,0.5mm; row single; forma ♂ (male); pins 3; espacio entre pines 0.1in (2.54mm) |
| 1 | LM 358 Dual Op-Amp | paquete DIP8 [THT]; part number LM358 |

| Amount | Part Type | Properties |
|--------|-----------------------|---|
| 1 | Microphone | |
| 2 | 1k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 1k Ω ; power 250mW; espacio entre pines 400 mil; part number 1k Ω |
| 5 | 10k Ω Resistor | paquete THT; tolerance $\pm 5\%$; bands 4; Resistencia 10k Ω ; power 250mW; espacio entre pines 400 mil; part number 10K |
| 1 | Trimmer Potentiometer | paquete THT; tamaño Trimmer - 12mm; track Linear; Tipo Trimmer Potentiometer; power 0.25W; máxima resistencia 5k Ω ; part number 5k Ω |

Exported with Fritzing 0.8.5- <http://fritzing.org>