

LocoBridge BOM

| Part Name | Notes | Amount | Price (€) | Total (€) |
|------------------------|----------------------------------------|--------|---------------|----------------|
| Arduino Micro | with headers | 1 | 16,90 € | 16,90 € |
| 0.96" SSD1306 OLED | available from JOY-IT and many others | 1 | 7,30 € | 7,30 € |
| Electrolytic Cap 22uF | 50V; 2mm pitch;radial | 1 | 0,09 € | 0,09 € |
| Electrolytic Cap 220uF | 16V;2.5mm(0.1") pitch;radial | 1 | 0,11 € | 0,11 € |
| Electrolytic Cap 100nF | 16V; 1.5mm pitch;radial | 1 | 0,02 € | 0,02 € |
| B40R Bridge Rectifier | | 1 | 0,25 € | 0,25 € |
| 1N5817 Diode | | 1 | 0,05 € | 0,05 € |
| Pinsocket 1x17 | 2.5mm(0.1") pitch | 2 | 0,60 € | 1,20 € |
| RJ12 Socket | | 1 | 0,40 € | 0,40 € |
| Pinsocket 1x4 | 2.5mm(0.1") pitch | 1 | 0,17 € | 0,17 € |
| Pinheader 1x2 | 2.5mm(0.1") pitch | 1 | 0,05 € | 0,05 € |
| Inductor 300uH | 5mm(0.2") pitch;radial | 1 | 0,31 € | 0,31 € |
| LED 3mm | 2.5mm(0.1") pitch | 6 | 0,12 € | 0,72 € |
| 4n35 opto couple | DIP-6 package | 2 | 0,26 € | 0,52 € |
| 2N3904 Transistor | TO-92 package | 2 | 0,05 € | 0,10 € |
| 2N3906 Transistor | TO-92 package | 1 | 0,05 € | 0,05 € |
| 47kOhm Resistor | Metal 1%; 0207 | 1 | 0,08 € | 0,08 € |
| 4.7kOhm Resistor | Metal 1%; 0207 | 1 | 0,08 € | 0,08 € |
| 150kOhm Resistor | Metal 1%; 0207 | 1 | 0,08 € | 0,08 € |
| 22kOhm Resistor | Metal 1%; 0207 | 2 | 0,08 € | 0,16 € |
| 10kOhm Resistor | Metal 1%; 0207 | 3 | 0,08 € | 0,24 € |
| 1kOhm Resistor | Metal 1%; 0207 | 2 | 0,08 € | 0,16 € |
| 2.2kOhm Resistor | Metal 1%; 0207 | 1 | 0,08 € | 0,08 € |
| 620Ohm Resistor | Metal 1%; 0207 | 1 | 0,08 € | 0,08 € |
| 300Ohm Resistor | Metal 1%; 0207 | 8 | 0,08 € | 0,64 € |
| LM311 Comparator | DIP-8 | 1 | 0,34 € | 0,34 € |
| LM2574N-5 Sw. Reg. | DIP-8;5V Step-Down Switching Regulator | 1 | 1,60 € | 1,60 € |
| LNGateway PCB | Depends on manufacturer | 1 | 7,00 € | 7,00 € |
| | | | Total: | 38,78 € |