

Diavolino Reference Design: Bill of materials

| Line | Description | Value | Digi-Key Equiv | Qty |
|------|-------------------------|-------------------------------|------------------|-----|
| 1 | PCB | Diavolino | n/a | 1 |
| 2 | Header | 6-position Right-angle SIL | 22-28-8062 | 1 |
| 3 | Crystal | 16 MHz | 631-1108-ND | 1 |
| 4 | Capacitor | 18 pF (marked w/ black stripe | BC1004CT-ND | 2 |
| 5 | Capacitor | 0.1 uF | BC1148CT-ND | 3 |
| 6 | Microcontroller | ATmega328P-PU | ATMEGA328P-PU-ND | 1 |
| 7 | Wire Jumper | Zerohm, 1/4W form factor | 0.0QTR-ND | 3 |
| 8 | Resistor, 1/6W | 10k | 10KEBK-ND | 1 |
| 9 | Resistor, 1/4W | 1k | 1.0QBK-ND | 1 |
| 10 | LED, 3 mm | Red diffused | P606-ND | 1 |
| 11 | Tactile button switch | | CKN9102-ND | 1 |
| | | | | |
| | | | | |
| | Optional regulator pack | | | |
| 1 | 5 V Regulator | TL750L05 | 296-8002-5-ND | |
| 2 | Capacitor, ceramic | 0.1 uF | BC1148CT-ND | |
| 3 | Capacitor, electrolytic | 10 uF | 493-3281-ND | |
| 4 | Power Jack | 2.1 mm | CP-002AH-ND | |
| | | | | |
| | | | | |
| | Optional sockets | | | |
| 1 | 6-pin | | S7039-ND | |
| 2 | 8-pin | | S7041-ND | |
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