

LazerX-9

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| Comment | Description | Designator | Footprint | LibRef | Quantity |
|-----------------------|--|---|--------------|-----------------------|----------|
| 104 | Capacitor | C1, C5, C6, C7, C10 | 0603 CAP | CAP | 5 |
| 4.7uF/6.3V | Capacitor | C2 | 1206 | Cap Pol | 1 |
| 4.7uF/6.3V | Capacitor | C3 | 1206 CAP | Cap Pol | 1 |
| 470pF | Capacitor | C4 | 0603 CAP | CAP | 1 |
| 22p | Capacitor | C8, C9 | 0603 CAP | CAP | 2 |
| 1uF | Capacitor | C11 | 0603 CAP | CAP | 1 |
| Diode | Diode | D1 | DIODE-SOD123 | Diode | 1 |
| Gre | Typical RED, GREEN, YELLOW, AMBER GaAs LED | D2 | 0805 LED | LED | 1 |
| Red | Typical RED, GREEN, YELLOW, AMBER GaAs LED | D3 | 0805 LED | LED | 1 |
| Servo out 1 | Header, 3-Pin, 0.1" | JP1, JP2, JP3, JP4, JP5, JP6, JP7, JP8, JP9 | JP - compact | Hdr 3 Pin 0.1 | 9 |
| FB 300mA | Ferrite Bead 300mA | L1 | 0603 IND | FerriteBead_300mA | 1 |
| Mark | | M1 | MarkPoint | Mark | 1 |
| Header 4 | Header, 4-Pin | P1 | HDR1X4 | Header 4 | 1 |
| ISP | Header, 3-Pin, Dual row | P2 | HDR2X3 | Header 3X2 | 1 |
| Header 6 | Header, 6-Pin | P3 | HDR1X6 | Header 6 | 1 |
| 0R | Resistor | R1 | 0603 RES | Res | 1 |
| 10k | Resistor | R2, R3 | 0603 RES | Res | 2 |
| 1k | Resistor | R4, R5, R8, R9, R10, R11, R12, R13 | 0603 RES | Res | 8 |
| 300R | Resistor | R6, R7 | 0603 RES | Res | 2 |
| SMA Base | | SMA1 | ANT SMA | SMA Base | 1 |
| 5205 linear regulator | | U1 | 5205 | 5205 linear regulator | 1 |
| ATmega328 | | U2 | ATMEGA328FIX | ATmega328 | 1 |
| RFM22 | | U3 | RFM22SMD | RFM22 | 1 |
| Crystal3Foot | | Y1 | Crystal3Foot | Crystal3Foot | 1 |
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