





| Comment | Description | Designator | Footprint | LibRef | Quantity |
|--------------------------|--|--|--------------------|------------------------------|----------|
| 0.1uF | Cap SMT Cer .1UF 50V 10% 0603 4K/TR, 0.10µF 16V Ceramic Capacitor X7R 0603 (1608 Metric) 0.063" L x 0.031" W (1.60mm x 0.80mm) | C400, C401, C402, C403, C404, C406, C407, C409 | C0603 | C0.1uF-0805, C0.1uF- 0603 | 8 |
| C10uF-0603 | 10µF ±20% 16V Ceramic Capacitor X5R 0603 (1608 Metric) | C405 | C0805 | C10uF-0603 | 1 |
| 10uF | 10µF 6.3V Ceramic Capacitor X5R 0805 (2012 Metric) 0.079" L x 0.049" W (2.00mm x 1.25mm) | C408 | C0805 | C10uF_0805 | 1 |
| 10nF | 10000pF ±10% 50V Ceramic Capacitor X7R 0805 | C410 | C0805 | C0.01uF-0805 | 1 |
| Diode Schottky 20V 1A | VR=20V IF=500mA 170pF P=410mW | D400 | SODFL360X90-2N | Diode Schottky 20V 1A | 1 |
| SMF6.5A | TVS DIODE 6.5V 11.2V SOD123F | D401 | SOD123 | TVS DIODE SMF6.5A_6.5V | 1 |
| HS3002 | High-Performance Relative Humidity and Temperature Sensor | I400 | HS3002 | HS3002 | 1 |
| IC_RS485 | IC TRANSCEIVER HALF 1/1 8MSOP | I401 | ISL32603EFUZ-T7A | ISL32603EFUZ-T7A | 1 |
| Header 4 | Header, 4-Pin | P400 | HDR1X4 | Header 4 | 1 |
| Header 4 | Header, 4-Pin | P401 | HDR1X4 - 1.27 | Header 4 | 1 |
| Header 4 | Header, 4-Pin | P402 | Pad_4p | Header 4 | 1 |
| 10k | RES SMD 10K OHM 5% 1/10W 0603 | R400, R401, R402, R405 | R0603 | R10k_0603 | 4 |
| 330R | 330 Ohms ±5% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film | R403, R406 | R0603 | R330_0805 | 2 |
| =value | 120 Ohms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film | R404 | R0603 | R120R | 1 |
| MUC | | U400 | TSOP65P660X150-20N | STM32L011F4P6 | 1 |
| AP2112K-3.3TRG1 | Linear Voltage Regulator IC Positive Fixed Output 3.3V 400mA SOT-23-5 | U401 | SOT23-5_L | REG113NA-3.3/3K | 1 |