

BOM_Delta-t-monitor-with-pressure_2025-09-07

| ID | Name | Designator | Footprint | QTY | Manufacturer Part |
|----|--------------|------------|-----------------------------|-----|----------------------|
| 1 | 10uF | C1 | C0805 | 1 | 08053D106MAT2A |
| 2 | 1N4004 | D1 | SOD-123F_L2.8-W1.8-LS3.7-RD | 1 | 1N4004W |
| 3 | 4k7 | R4,R5,R6 | SMD_RESISTOR_0805 | 3 | |
| 4 | SDP810-500PA | U1 | SENSOR-TH_SDP810-500PA | 1 | SDP810-500PA-D |
| 5 | inlet_temp | U2 | CONN-TH_B3B-XH-AM-BK-LF-SN | 1 | B3B-XH-AM-BK(LF)(SN) |
| 6 | out_temp | U4 | CONN-TH_B3B-XH-AM-BK-LF-SN | 1 | B3B-XH-AM-BK(LF)(SN) |
| 7 | D1_MINI_PRO4 | U5 | DIP-16_WEMOS_D1_MINI_PRO4 | 1 | Wemos_D1_mini_Pro4 |
| 8 | POWER-JACK | U9 | DC-IN-TH_POWER-JACK | 1 | POWER-JACK |

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| Supplier | Supplier Part | Price | link |
|----------|---------------|-------|---|
| LCSC | C180487 | 0.157 | |
| LCSC | C162734 | 0.008 | |
| Digikey | 1649-1074-ND | 27.95 | https://www.digikey.com/en/products/detail/sensirion- |
| LCSC | | 0.073 | |
| LCSC | | 0.073 | |
| LCSC | C2837266 | | |
| LCSC | C9900001795 | | |

