

| # | Reference | Qty | Value | Footprint | DNP |
|----|-----------|-----|-------------------------|---|-----|
| 1 | C2, C3 | 2 | 100nF | Capacitor_THT:CP_Radial_D5.0mm_P2.50mm | |
| 2 | C4, C5 | 2 | 22pF | Capacitor_THT:CP_Radial_D5.0mm_P2.50mm | |
| 3 | D1 | 1 | 1N5822 | Zenerdiode_1N5822:DIOAD3070W130L950D530 | |
| 4 | F1 | 1 | MF-R050 | Fuse-MF-R050:MFR050 | |
| 5 | J1 | 1 | USB_C_Receptacle_USB2.0 | Connector_USB:USB_C_Receptacle_GCT_USB4085 | |
| 6 | J2, J3 | 2 | Conn_01x05 | Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical | |
| 7 | R1 | 1 | 4.7k | Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal | |
| 8 | R2, R3 | 2 | 1k | Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal | |
| 9 | R4, R5 | 2 | 5.1k | Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal | |
| 10 | U1 | 1 | CH340G | Package_SO:SOIC-16_3.9x9.9mm_P1.27mm | |
| 11 | Y1 | 1 | XT9S20ANA12M | XT9S20ANA12M:XT9S20ANA12M | |