

| Qty | Designator | Value | Package | Tolerance/Ratin | OC Farnell | OC Mouser | Notes | |
|-----|--|-----------------------------------|----------------------|-----------------|------------|----------------------|----------------------|--|
| | R4 | 22R | R0603 | 1% | | | | |
| 2 | R1, R3 | 1k | R0603 | 1% | | | | |
| 1 | R2 | DNP | R0603 | 1% | | | | |
| 3 | R50, R51, R52 | 1.2k | R0603 | 1% | | | | |
| 9 | R200, R201, R203, R204, R205, R206, R207, R208, R209 | 5.1k | R0603 | 1% | | | | |
| 3 | R301, R302, R303 | 10k | R0603 | 1% | | | | |
| 2 | R34, R35 | 100k | R0603 | 1% | | | | |
| 2 | C22, C23 | 20p | C0603 | X7R | | | | |
| 8 | C200, C201, C202, C203, C205, C206, C207, C208 | 4.7n | C0603 | C0G/NP0 | | | | |
| 1 | C53 | 10n | C0603 | X7R | | | | |
| 19 | C4, C7, C11, C15, C24, C25, C28, C29, C30, C105, C106, C107, C108, | 100n | C0603 | X7R | | | | |
| 6 | C301, C303, C304, C308, C310, C314 | 1u | C0603 | X7R | | | | |
| 4 | C12, C13, C14, C32 | 2.2u | C0603 | X5R | | | | |
| 3 | C10, C16, C51 | 10u | C0603 | X5R | | | | |
| 1 | C34 | 10u | Tant SMT | 6.3V | 9695648 | | TANT 10UF 6.3V B3528 | |
| 1 | C17 | 22u | C1206 | X5R | 1288265 | | | |
| 1 | C37 | 47u | Tant SMT | 6.3V | 1850085 | | TANT 47UF 6.3V C6032 | |
| 3 | L1, L2, L3 | Ferrite Bead | L0603 | 2mA | 1635705 | | | |
| 1 | X3 | ZX62RD-AB-5P8 | Micro USB Connector | | 2300440 | | | |
| 1 | Y2 | 8MHz | X2-SMD-5.0X3.2X1.3MM | | 2101329 | | | |
| 1 | U2 | ADS1294 | TQFP64 | | | 595-ADS1294IPAG | | |
| 1 | LED3 | ASMB-MTB1-0A | RGB-LED-703-1028 | | 2401106 | 630-ASMB-MTB1-0A3A2 | | |
| 9 | D200, D201, D202, D203, D205, D206, D207, D208, D209 | BAT54S | SOT23 | | 1081194 | | | |
| 1 | LED1 | GREEN | 1206 | 20mA | 2099247 | | | |
| 1 | LED2 | BLUE | 1206 | 2mA | 2610425 | | | |
| 1 | S1 | EVQPT9A15 | TACTILE_SWITCH_SMD | | 2425618 | | | |
| 1 | IC3 | KX122-1037 | QFN | | 2691401 | 912-KX122-1037 | | |
| 1 | IC5 | LM3940 | SOT223 | | 1469104 | 926-LM3940IMP3.3NOPB | | |
| 1 | U5 | SPBTLE-1S | SPBTLE-1S | | 2797956 | 511-SPBTLE-1S | | |
| 1 | U1 | STM32F427VGT | LQFP-100 | | 2333368 | 511-STM32F427VGT6TR | | |
| 6 | J1, J2, J3, J4, J5, J6 | USB_MINI_8P_F | UC-E6 | | | | | |
| 3 | X1, X2, X4 | 10 pin dual row header 1.27mm SMT | | | 1865279 | | | |