



| Designator | Comment | Description | Manufacturer 1 | Vanufacturer Part Number 1 | Quantity | Supplier Part Number 1 | Supplier Unit Price 1 | Supplier Currency 1 | Supplier Order Oby 1 | Supplier Order Oty 2 | Componentiirk1 LRL |
|--|-----------------------------|--|------------------------------------|-------------------------------|----------|-------------------------|--------------------------|---------------------|-------------------------|-------------------------|--|
| G, 01 | 10u | Cap Consmic YouF 10Vdc XSR 10% SAMD 0805 85°C Paper TVR | | | , | 13-CC000MP/SRMB10ACT-ND | | | | | http://datasheet. actopart.com/CC0 8058795Ru88100- Yageo-datasheet- 86397281.pdf |
| _D | BREADBOARD | Broadboard with 2 columns of 30 rows + VCC and | | | , | | | | | | |
| 5 | SACDAC_COMMSC | QND rails | | | , | | | | | | |
| IP1, TP2 | TOR TEST | Serf point Serf we Mount | | | | | | | | | |
| cı | tu | Ceramic Multilayer Capacitor fulf - 20% to 80% YSV 05V 080S Paper | Yageo | CCCBDSJRYSWIEB 105 | 1 | 211-1259-1-ND | 0.34 | USD | | | https://datasheel .clivs.com/144/mi cronderingcode 144732.pdf?vrc- supplier-Digi-Key |
| 0,0,0 | 4u | Multilayer Ceramic Capacitors MLCC - SMD/SMT 4.7uF 6.7V XSR 10% | Yageo | CC0805KRISESBB 475 | 1 | 211-3422-1-840 | 0.11 | 1050 | : | | http://www.mou ser.com/du/2/447 /LPH- (2PH_XSR_4V-to- 50V_25- 1111599.pdf?urc- supplier-Mouser |
| Œ | In | Surface Mount Ceramic Multilayer Capacitor 0.001uF 10ts X7R 50V 0805 Paper T/R | Yageo | CC08058781789888 102 | 1 | 211-1127-1-ND | 0.1 | USD | | | https://datablee .clins.com/11786. 0900766680d8411 d- 11786074.pdf?he: supplier-RSComp |
| CB CB | 23p | Cap Ceramic 13pF SW CDG 5% SWD 0805 125C Paper L/R | Yageo | CCORDSIRMPOWERS 330 | 1 | 211-1105-1-ND | 0.11 | USD | | | https://datashee clina.com/144/m conderingcode 1447/EpdfNes- supplier-Digi-Key |
| 80, 872 | 1727-2905-1-ND | Rectifier Diade Schottky 0.2A Sm. Automotive 3-Pin SC-30 LIR | Philips | BATSISW,115 | 3 | 1723-2905-1-ND | 0.27 | USD | | | ell com/datasher tu/1679575.pdf?s c supplier-Farnell |
| 20 | OJ5520.HGF | Diode Small Signal Scholliky SI D 2A 2-Pin USC USE | Toshiba | CIREDONOS | 1 | OUSSZBASFCT-NID | 0.20 | 1050 | | | https://toehiba.s. emicon- storage.com/info /docaget.jsp?did- 041&prodName- CUSS20&erc- supplier-Digl-Ke |
| 20, D-4, D-5, D-6, D-7, D-6, D-9, D-10 201, D-12, D-13, D-14, D-15, D-16, D-17, D-18, D-16, D-17, D-17, D-16, D-17, D-18, D-19, D-19, D-17, D-17, D-17, D-18, D-18, D-18, D-18, D-18, D-18, D-17, D-18, D-18 | 2582 | DetStar Micro LEDs (APA103-2000) Smart SMD 858 LED - 100 pack | Adatruit Industries | 2587 | 65 | 1528-2392-ND | 28.85 | uso | 64 | | https://media.dij Rey.com/pdl/Cla a/S/20heetu/Ada nulth/20PGR-/20E _Web.pdf/nc- supplier-Cligl-Key |
| 060 | Red | SMD LED and 2.4 V DBD5, 1500BDBS75000, BBGrth Diektronik | Wurth Electronics | 15008095.75000 | 1 | 722-4984-6-ND | 0.10 | USD | | | https://datashee .dina.com/23856 150080n/75000 2365661.pdf?hec supplier-Elemen 14 |
| 069,070 | 05/09/1822/2-78 | TVS DIODIE 5.5V 13V DEN1006-2 | Diodes | 05V3P18JLP-78 | 3 | DSVOP18DUP-TRDICT-ND | 0.20 | uso | | | http://www.mou ser.com/du/2/115 /DSVGP182LP- 368667.pdf?hro- supplier-Mouser |
| 071 | CUSTOS 20 HOF | DIODE SCHOTTRY DOV 1A USC | Toxhiba | CUS 10530)+CF | 1 | DUSTICES DE L'EST AND | 0.30 | 650 | | | http://touhibs.so micon- storage.com/info /doopet.jup?did- 4077EprodName CUS10S30Exe- supplier-Avnet |
| ran | 200mR, 16R 6F100MS-b: | Ferrite Beads Multi-Layer Chip Bead 1800mm 25% 100MHz 600mA 0603 T/R | Wurth Electronics | 742790662 | 1 | 722-4670 1-ND | 0.11 | USD | | | https://datauhee dina.com/29364 342792662- 2936469.pdf?vrc supplier-Digi-Ke |
| л | micro bit edge connector | 1887 - SMT Right- Angle Connector for micro bit | Adatruit Industries | 3887 | 1 | 1528-2644-ND | 2.00 | USD | | | https://cdn- shop.ada/ruit.co m/product- files/3803/3807_s ataribeet.pdf |
| а | 0475901001 | for micro-bit IZE3 - micro-AE Receptacle Connector 5 Position Surface Mount, Right Angle, Horisontal SAMRC - SW- 023-01-10 CONNECTOR, RECEPTACE, 6 CONNECTOR, RECEPTACE, 6 RECEPTACE, | Malex | 0475901001 | 1 | WMT-G36CT-ND | 0.87 | 1050 | | | https://datashee disa.com/29603 47593300-sd- 29663111.pdf?htt supplier-Digi-Ke |
| 34 | 25M-303-00-F-D | SAMEC - SSW- 103-01-F-D - COMMICTOR, RECEPTACLE, 6 COMMICTS, 2 ROWS, 2.54-MM | Sambec | 55W-103-01-F-0 | 1 | SAA/100%-ND | 1.0 | 1050 | , | ı | http://www.fam ell.com/datashee bs/2550265.pdf?s c supplier-Famell |
| R1, R2, R5, R6 | 10X | Res Thick Film 0805 10K Ohm 5% 1/887 a 100ppm/C Molded SMD Paper 1/R | Yageo | RC0805/R-0710KL | , | 211-10KARCT-ND | 0.1 | U50 | | | https://datashee clins.com/7941/- 44164- 7941870.pdf?urc- supplier-Elemen 14 |
| 82, R4 | 200 | 855 SMD 200 OHM 0 5% 1/8W 0805 | Yageo | R T080526E 072006 E | | 311-286-1-ND | 0.10 | 1050 | : | | https://datashee .clica.com/2599/gu-rt-1-to-0:05 sohs-1-5- 259/211.pdf?urc- supplier-Digl-Ke |
| R7 | 140 | RSS SMD 160 OHM S% 1/BW 080S | Yageo | RC08051R-07160R1 | 1 | 311-160ARCT-ND | 0.1 | USD | | | https://datashee clivs.com/2456/j gu-r-int-thick-7- 3456/64.pdf?urc- supplier-Digi-Ke |
| 20 | 2004_1% | Riss Thick Film 0805 280K Ohm 1% 0.12588[1/8W] w100ppm/*C Pad 5240 T/R | Yagoo | 900005FB- 07290WL | 1 | 311-280KORCT-ND | 9.1 | USD | | | https://datashee disa.com/2451/g gu-e-int-thick-7- 2457581.pdf?src- supplier-Digi-Ke |
| R10 | 184 | RES SIMD TIMOHIM D TIL 1/8W/0805 | Yageo | R TOROSERS CYTAL | 1 | WAGHIOXT-ND | 0.4 | 650 | | | https://datashee disa.com/8894/gu-rt-1-to-0-05 rohs I-4- 8896702.pdf?urc- supplier-Avnet |
| RII | 220 | Res General Purpose Thick Film 0805 220 Ohm 5% 1/8W s100ppm/°C Molded SMD Paper 1/R | Yageo | RC0805/R-07220R1 | 1 | 211-2264RCT-ND | 0.1 | USD | | | https://datashee clins.com/794U/ 42941- 7941917.pdf?hrc- supplier-Elemen 14 |
| un | NCP200LSN10AAT 1G | REEL/OVER CURRENT PROTECTION | ON Semiconductor | NCP200LSN 10AAT 1G | 1 | NCF080LSN10AAT1G0SCT-ND | 0.76 | USD | , | ı | https://datashee disa.com/1939/r cp380-d- 1939/78.pdf/hrc- supplier-Digi-Key |
| 12 | UD108500733R | Fixed LDO Voltage Regulator, 6:3V to 30V, 1:3V Dropout, 3:3Vout, 3Aout, TO-363-3 | STMicroelectronic s | LD1085D0T33R | 1 | 497-1222-6-ND | 1.00 | USD | | | https://datashee .divs.com/16375 ed00001883- 16375381.pdf |
| 10,14 | 855138W | MOSFET SOV N-CH Logic Level | ON Semiconductor / Fainshild | B55138W | , | BSS13BWCT-ND | 0.80 | USD | | | https://datable.e .divs.com/17170. bxs138e- 17170739.pdf |
| us | TPS2551Q06WEQ1 | Automotive 2.7V to 5.5V, adjustable current-Limit power distribution switch 6.50T-23 - 401o 125 | Texas Instruments | TPS3551QDBVRQ1 | 1 | 286-23892-1-ND | 3.00 | 650 | , | | https://datauhoot clius.com/3232/1 ps2551-q1- 3233588 pdf?hrc- supplier-Avnet |