



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