



Designator	Comment	Description	Manufacturer 1	Manufacturer Part Number 1	Quantity	Supplier Part Number 1	Supplier Unit Price 1	Supplier Currency	Supplier Order Oty 1	Supplier Order Oty 2	ComposentLink1
G,04	10u	Cap Coramic 10uF 10Vdc XSR 10% SMD 0805 85°C Paper T/R				13-CC0809F95R688106CT-ND					http://datashoot. octopart.com/CO 8058F95Re88106- Tageo-datashoot- 86397281.pdf
D	BREADBOARD	Sreadboard with Ocolumns of 30 rows + VCC and IONO rails			1						BEAVARI PER
	lacdac edge connector										https://github.co m/microsoft/jacd ac- mdk/blob/main/s
	connector	Spin Incdac edge connector 1.27mm pitch									msk/blob/main/s ennector/IACDAC Connector-by- ffullang 2020 11- 28.pdf
SP1, TP2	TEST	Surface Mount Ceramic									https://datashee/ .clivs.com/144/m
cı	lu lu	Surface Mount Surface Mount Conamic Nutritayer Capacitor TuF - 20% to 80% YSV 25V 0805 Paper U/R	Тарго	CCOBOSZRYSVIBIB 105	1	311-1356-1-ND	0.14	uso	1		ccorderingcode- 1447III pdf?arc- supplier-Digl-Key
0,0,0	Aut .	Multilayer Consmit Capacitors MLCC - SMD/SMT 4.7uF 6.7V ISR 10%	Eageo	CC0809600798588 475	1	211-3422-1-ND	0.17	USD	1		http://www.mou ser.com/ds/2/440 /LPV- (ZPVC_XSR_4V-to SOV_2S- 1131599.pdf?vec- supplier-Mouser
S	in .	Surface Mount Conamic Multilayer Capacitor 0:001uF 10% X7R 50V 0005 Paper 1/R	Tageo	CC0809KRX TRYBS	1	211-1127-1-ND	0.1	uso	1		supplier-Mouser https://datashee/ diva.com/11786/ 09007662-00484F1 d- 117860M-pdf?hrc supplier-RSComp
Gi Ci	33p	Cap Ceramic 33pF 50V COG 5% 5MD 0805 125C Paper 1/R	Tageo	CC0805JB9UPO98N 330	1	211-1105-1-ND	0.11	USD	1		https://datashee/ .divs.com/144/m ccorderingcode- 1447%.pdf?sc- supplier-Digi-Key
01, 072	1727-2905-1-ND	Rectifier Diode Schottky 0.2A Sm Automotive 3-Pin SC-701/R	Philips	BATS4SIN;11S	1	1727-2905-1-ND	0.23	uso	-		http://www.farn ell.com/data/hee ts/1679676.pdf?vs c- supplier-Farnell
02	CLESSE) FOR	Clode Small Signal Schotiky SI 0.2A 2 Pin USC UR	Toshiba	Сивозорная	1	CLESSOW OF CT-NO	0.22	uso	,		https://foshiba.x emicon- storage.com/info /docget.jup?did=7 641∏%ame= CUSS20&vo- supplier=Digi-Key
03, D4, D5, D6, 07, 08, D9, D30, D11, D12, D13, D14, D15, D15, D15, D17, D17, D17, D18, D17, D18, D17, D18, D17, D18, D18, D18, D18, D18, D18, D18, D18	3507	DotStar Micro SEDs (APA 103-2000)- Smart SMD RCB SED - 100 pack	Adaltruit Industries	2547	65	1526-2392-ND	20.00	uso	60		https://media.dg Rey.com/pdl/Du afk2Sheetu/Ada nuftk2OPGF-25E _Web.pdf?nro- tupplior-Digl-Eay
D68	Red	SMD LED red 2.4 V 0805, 150080RS75000, Würth Elektronik	Warth Dischanics	150000RS.75000	1	722-4984-6-ND	0.18	uso	1		https://datashoo .dlvs.com/2266/ 150080n/5000 2266961.pdf?hrc supplier-Element 14
D4R, 070	D5V0P18DLP-78	TVS DIGDE 5.5V 13V DFN1006-2	Diodes	DSWIDP182LP-78	1	DSVOP18DLF-78DHCT-ND	0.28	USD	-		Netp://www.mou ser.com/du/2/116 /CdW0P182LP- 268667.pdf?src- supplier-Mouser
on	CLISTOS30,HOF	DIODE SCHOTTKY DOV TA USC	Sovhiba	CUS10530,H3F	,	CUSTOSSIBILITET-ND	0.38	uso	,		38867 pd?hr- supplier-Mouser http://loshiba.se micon- storage.com/info /docget.jsp?dd+1 4077 kprodName- CUS105308vc- supplier-Avnet
501	000mR, 1kR 9700MHz	Ferrite Beads Multi-Layer Chip Bead 160hm 25% 100494: 600mA 0600 T/R	Wurth Electronics	342743662	1	772-4670-1-ND	0.17	uso	1		https://datashoo diva.com/29364/ N279363- 2936469 pdf/hrc
n	micro bit edge connector	3887 - SAIT Right- Angle Connector for micro bit	Adahult Industries	3007	1	1526-2644-ND	2.95	uso	1		https://cdn- shop.adafruit.co m/product- tion/2007/2007_c ataxhoot.pdf
io.	0475901001	USB - micro AB Receptacle Connector 5 Position Surface Mount, Right Angle, Horizontal	Molex	0475901001	1	WWW.4236CT-ND	0.97	USD	1		https://datashee/ divs.com/29660/ 47901001-sd- 29660111.pdf?krc supplier-Digl-Key
24	SSW-103-01-F-D	Mount, Right Angle, Rori sontal SAMTEC - SSIV- 123-01 F-0 - COMMECTOR, RECEPTACLE, 6 CONTACTS, 2 ROWS, 2.5H MM	Samtec	55W-183-01-F-0	1	SAMROO16-ND	1.42	USD	1		http://www.fam ell.com/datashee ts/255035.pdf?v c supplier-Famell
R1, R3, R5, R6	10x	ROWS, 2.54 MM Ros Thick Film 0805 10K Ohm 51S 1/8W a 100ppm/°C Molded SMD Paper T/R	Tageo	BC08058-071091		211-10KARCT-ND	0.1	USD	,		https://datashoot diva.com/7941/4 44164 7941870.pdf?hec- supplier-Element 34
E2, SN	200	9ES SMD 200 CHIN 0.5% 1/6W 0805	Eageo	RTOBOXERE ET 200R L	2	311-3816-1-ND	0.12	uso	2		https://datasheet divs.com/2569/p go-rt-1-to-005- rohs-t-5- 2569211.pdf?vec- supplier-Digl-Key
E7	160	985 SMD 160 CHIV 2% 1/88/0805	Eageo	RC0005IR-07160RL	. 1	211-160ARCT-ND	0.1	USD	1		https://datashee/ .divs.com/2456/p yu-r-int-thick-3- 3456/64.pdf?vsc- supplier-Digi-Key
Rno	184	RES SMD 1M CHM 0.1% 1/8W 080S	Tageo	RT08058RE07164.	,	WAGHIOCT ND	0.4	uso	,		https://datasheet .diva.com/W96/p gu-rt-1-to-0-05- rohs-1-4 8896/02.pdf?ve- supplier-Aunet
R11	D20	Dox General Purpose Thick Film 0005 220 Ohm 5% 1/WW s100ppm/°C Melded SWD Paper 1/R	Tageo	BC0805/R-07220R	. 1	211-226ARCT-ND	0.1	uso	1		https://datashee/ .clivs.com/7941/4 42943 7941917.pdf?vsc- supplier-Element 14
uı	NCP200LSN10AAT	REEL / OVER CLEREAT PROTECTION	ON Semiconductor	N:CP380L9N10AAT 1G	1	NOP 2013 SNIGA ATTIGOSCT ND	0.76	uso	1		https://datashoo diva.com/1939/r cp380-d- 1939778.pdf?hrc- supplier-Digi-Key
122	LD108502733R	Fixed LDO Voltage Regulator, 6.7V to 30V, 1.7V Gropout, 3.7Vout, 3Aout, 10-263-3	STMicroelectronic s	LD 108502733R	,	497-1223-6-ND	1.72	uso	1		https://datashee/ .diva.com/16375/ ed00001883- 16375381.pdf
U2, U4	855138W	MOSFET SOV N-CH Logic Level	ON Semiconductor / Fainthild	855138W	-	855138WCT-ND	0.39	uso			https://datashoo .divs.com/17170/ bss138w- 17170729.pdf https://datashoo
us	TP525530RVR-1	IC PWR DIST SWITCH ADI 450N	Texas Brotruments	TP525530RVR-1		286-39381-1-ND	0.91	uso	,		diva.com/15100/ getdatasheetparti d-625104- 15100013.pdf/hrc- supplier-Verical