

Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
1	GRM155R60J106ME05D	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 10uF, X5R, 15%, 20%, 6.3V	C1, C18	OMP-06035-044652-1	New From Design	Up to date	2	Murata	GRM155R60J106ME05D	Volume Production	Mouser	81-GRM155R60J106M05D	0.017	0.17
2	CD402C105K9PACTU	CAP CER 1UF 6.3V XSR 0402	C2, C5, C8, C9, C10, C11	OMP-2008-02075-2	Released	Up to date	6	KEMET	CD402C105K9PACTU	Volume Production	Newark	70K9079	0.011	0.066
3	CL05A104KASNNWC	Cap Ceramic 100nF 25V X5R ±10% SMD 0402 +85°C Paper T/R	C3, C4, C7, C12, C19, C20	OMP-13271-000728-1	New From Design	Up to date	6	Samsung	CL05A104KASNNWC	Volume Production	Mouser	187-CL05A104KASNNWC	0.006	0.06
4	GRM033R71A103KA01D	Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 10000pF, X7R, 15%, 10%, 10V	C6	OMP-2010-01684-2	New From Design	Up to date	1	Murata	GRM033R71A103KA01D	Volume Production	Newark	51R6562	0.007	0.07
5	C0603C220J5GACTU	Cap Ceramic 22pF 50V COG 5% SMD 0603 125°C Paper T/R	C13, C14	OMP-2006-03119-3	New From Design	Up to date	2	KEMET	C0603C220J5GACTU	Volume Production	Arrow Electronics	C0603C220J5GACTU	0.1078	0.2156
6	CBR04C469B5GAC	CBR0402 4.6 pF 30ppm/°C 0.1 pF COG 50 V	C15	OMP-03020-033502-1	New From Design	Up to date	1	KEMET	CBR04C469B5GAC	Volume Production	Digi-Key	399-16090-1-ND	0.17	0.17
7	GRM0335C1H3R9CA01D	Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 3.9pF, COG, 30ppm/°C, 0.25pF, 50V	C16	OMP-2010-01120-2	New From Design	Up to date	1	Murata	GRM0335C1H3R9CA01D	Volume Production	Arrow Electronics	GRM0335C1H3R9CA01D	0.016	0.016
8	04023J5R68B8STR		C17, C22	OMP-2008-04814-1	Released	Up to date	2	Kyocera AVX	04023J5R68B8STR	Volume Production	Arrow Electronics	04023J5R68B8STR	0.2952	0.5904
9	GRM21BR60J226ME39L	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 22uF, X5R, 15%, 20%, 6.3V	C21	OMP-2007-03385-2	New From Design	Up to date	1	Murata	GRM21BR60J226ME39L	Volume Production	Newark	24R6338	0.077	0.077
10	BAT60B	Silicon Schottky Diode, -55 to 125 degC, SOD323, Reel, Green	D3	OMP-1183-00007-2	Released	Up to date	1	Infineon	BAT60B	Volume Production	Newark	22AC8001	0.051	0.051
11	USB4105-GF-A-060	USB Connector Type C SMT 12 Pin	J1		Not managed		1	Global Connector Technology	USB4105-GF-A-060	Volume Production	Newark	56AJ0228	0.506	0.506
12	LQG15HS2N0802D	Multilayer type RF Inductor 2nH ±0.1nH 0.090 900mA 0402	L1	OMP-06042-013960-1	New From Design	Up to date	1	Murata	LQG15HS2N0802D	Volume Production	Arrow Electronics	LQG15HS2N0802D	0.0819	0.0819
13	LQP03TN1N8802D	Film type RF Inductor 1.8nH ±0.1nH 600mA 0.15 ±0.0201 (0603)	L2	OMP-06042-011516-1	New From Design	Up to date	1	Murata	LQP03TN1N8802D	Volume Production	Arrow Electronics	LQP03TN1N8802D	0.0685	0.0685
14	CRGP0603F10K	CRGP 0603 10K 1%	R1, R2, R3	OMP-03211-00414-1	New From Design	Up to date	3	TE Connectivity	CRGP0603F10K	Volume Production	Farnell	2861046	0.03518	0.35183
15	RC0402JR-075M6L		R4	OMP-2002-07139-1	Released	Up to date	1	Yageo	RC0402JR-075M6L	Volume Production	Arrow Electronics	RC0402JR-075M6L	0.016	0.016
16	RMCF0402ZTOR00	RES 0 OHM JUMPER 1/16W 0402	R5, R6, R7, R8, R9, R10, RN1, RN2	OMP-26527-007617-1	New From Design	Up to date	8	Stackpole Electronics	RMCF0402ZTOR00	Volume Production	Mouser	708-RMCF0402ZTOR00	0.006	0.06
17	PNM0402E5001B5T1	RES SMD 5K OHM 0.1% 1/20W 0402	R11, R12	OMP-02407-012302-1	New From Design	Up to date	2	Vishay Dale	PNM0402E5001B5T1	Volume Production	Digi-Key	541-1901-1-ND	1.1	2.2
18	SKRPANE010	Tactile Switch SMD SPST	SW1, SW2, SW3		Not managed		3	Alps Electric	SKRPANE010	Unknown	Mouser	688-SKRPANE010	0.55	1.65
19	SST26VF016BT-80E/SN	IC FLASH 16MBIT SPI/QUAD 8SOIC	U1	OMP-06315-000037-1	New From Design	Up to date	1	Microchip	SST26VF016BT-80E/SN	Volume Production	Digi-Key	SST26VF016BT-80E/SNCT-ND	1.95	1.95
20	ESP32-S3	IC RF TxRx + MCU Bluetooth, WiFi 802.11b/g/n, Bluetooth v5.0 2.412GHz ~ 2.484GHz 56-VQFN Exposed Pad	U2	OMP-031-000061	Draft	Up to date	1	Espressif Systems	ESP32-S3	Unknown	Digi-Key	1965-ESP32-S3-ND	1.85	1.85
21	23LCS12-I/SN	512K bits SPI Serial SRAM with SDI and SQI Interface, 2.5 to 5.5 V, 20 MHz, -40 to 85 degC, 8-pin SOIC (SN8), Tube	U3	OMP-0163-00041-1	Released	Up to date	1	Microchip	23LCS12-I/SN	Volume Production	Arrow Electronics	23LCS12-I/SN	1.71	1.71
22	MPX53DP	MPX53DP NXP MPX53DP Pressure Sensor, Differential, 1.2 mV/kPa, 0 kPa, 50 kPa, 3 V, 6 V	U4	OMP-00561-70301700-1	New From Design	Up to date	1	NXP Semiconductors	MPX5100DP	Unknown	Digi-Key	MPX5100DP-ND	25.52	25.52
23	TPD1S514-1Y2R	USB charger over voltage Surge and ESD protection 12-DSBGA -40 to 85	U5	OMP-003-000000-1	Draft	Up to date	1	Texas Instruments	TPD1S514-1Y2R	Volume Production	Arrow Electronics	TPD1S514-1Y2R	1.08	1.08
24	TLV1117LV33DCYR	Single Output LDO, 1 A, Fixed 3.3 V Output, 2 to 5.5 V Input, 4-pin SOT-223 (DCY), -40 to 125 degC, Green (RoHS & no Sb/Br)	U6	OMP-0395-05053-2	Released	Up to date	1	Texas Instruments	TLV1117LV33DCYR	Volume Production	Arrow Electronics	TLV1117LV33DCYR	0.3399	0.3399
25	CX2016DB4000000FLJCC	CRYSTAL 40.00000MHZ 8PF SMD	U7	OMP-20727-000002-1	New From Design	Up to date	1	Kyocera AVX	CX2016DB4000000FLJCC	Unknown	Mouser	581-CX2016DB400000FLJCC	0.86	0.86
26	TPD4E110DPWR	TVS DIODE 5.5VWM 13VC 4X250N	U8	OMP-04985-000023-1	New From Design	Up to date	1	Texas Instruments	TPD4E110DPWR	Volume Production	Mouser	595-TPD4E110DPWR	0.56	0.56
27	AB26TRB-32.768KHZ-T	CRYSTAL 32.7680KHZ 12.5PF TH	X1	OMP-27762-006068-1	New From Design	Up to date	1	Abracon	AB26TRB-32.768KHZ-T	Volume Production	Arrow Electronics	AB26TRB-32.768KHZ-T	0.588	0.588