

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
	04023J5R6BBSTR		C1, C4	CMP-2008-04814-1	Released	Up to date	2	Kyocera AVX	04023J5R6BBSTR	Volume Production	Arrow Electronics	04023J5R6BBSTR	0,2804	0,5608
	GRM033R71A103KA01D	Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 10000pF, X7R, 15%, 10%, 10V	C2	CMP-2010-01684-2	New From Design	Up to date	1	Murata	GRM033R71A103KA01D	Volume Production	Newark	51R6562	0,007	0,07
	C0402C105K9PACTU	CAP CER 1UF 6.3V XSR 0402	C3, C7, C14, C19, C20, C21	CMP-2008-02075-2	Released	Up to date	6	KEMET	C0402C105K9PACTU	Volume Production	Newark	70K9079	0,011	0,066
	GRM155R60J106ME05D	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 10uF, XSR, 15%, 20%, 6.3V	C6, C16, C23	CMP-06035-044652-1	New From Design	Up to date	3	Murata	GRM155R60J106ME05D	Volume Production	Mouser	81-GRM155R60J106M05D	0,017	0,17
	CL05A104KA5NNNC	Cap Ceramic 100nF 25V XSR ±10% SMD 0402 +85°C Paper T/R	C8, C9, C10, C13, C15, C22, C24	CMP-13271-000728-1	New From Design	Up to date	7	Samsung	CL05A104KA5NNNC	Volume Production	Mouser	187-CL05A104KA5NNNC	0,006	0,06
	CBR04C469B5GAC	CBR0402 4.6 pF 30ppm/°C 0.1 pF COG 50 V	C11	CMP-03020-033502-1	New From Design	Up to date	1	KEMET	CBR04C469B5GAC	Volume Production	Digi-Key	399-16090-1-ND	0,18	0,18
	GRM0335C1H3R9CA01D	Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 3.9pF, COG, 30ppm/°C, 0.25pF, 50V	C12	CMP-2010-01120-2	New From Design	Up to date	1	Murata	GRM0335C1H3R9CA01D	Volume Production	Farnell	2990656	0,00485	0,04853
	C0603C220J5GACTU	Cap Ceramic 22pF 50V COG 5% SMD 0603 125°C Paper T/R	C17, C18	CMP-2006-03119-3	New From Design	Up to date	2	KEMET	C0603C220J5GACTU	Volume Production	Arrow Electronics	C0603C220J5GACTU	0,1078	0,2156
	USB4105-GF-A-060	USB Connector Type C SMT 12 Pin	J1	CMP-002-00129-1	Draft	Up to date	1	Global Connector Technology	USB4105-GF-A-060	Volume Production	Newark	56AJ0228	0,506	0,506
	LQG1SHS2N0802D	Multilayer type RF Inductor 2nH ±0.1nH 0.09Q 900mA 0402	L1, L3	CMP-06042-013960-1	New From Design	Up to date	2	Murata	LQG1SHS2N0802D	Volume Production	Arrow Electronics	LQG1SHS2N0802D	0,0819	0,1638
	LQP03TN1N8802D	Film type RF Inductor 1.8nH ±0.1nH 600mA 0.15 Ω 0201 (0603)	L2	CMP-06042-011516-1	New From Design	Up to date	1	Murata	LQP03TN1N8802D	Volume Production	Arrow Electronics	LQP03TN1N8802D	0,0685	0,0685
	PNM0402E5001BST1	RES SMD 5K OHM 0.1% 1/20W 0402	R1, R2, R7	CMP-02407-012302-1	New From Design	Up to date	3	Vishay Dale	PNM0402E5001BST1	Volume Production	Digi-Key	541-1901-1-ND	1,1	3,3
	CRGP0603F10K	CRGP 0603 10K 1%	R3, R4, R6	CMP-03211-004414-1	New From Design	Up to date	3	TE Connectivity	CRGP0603F10K	Volume Production	Farnell	2861046	0,03518	0,35183
	RC0402JR-075M6L		R5	CMP-2002-07139-1	Released	Up to date	1	Yageo	RC0402JR-075M6L	Volume Production	Arrow Electronics	RC0402JR-075M6L	0,016	0,016
	SKRPANE010	Tactile Switch SMD SPST	SW1, SW2, SW3		Not managed		3	Alps Electric	SKRPANE010	Unknown	Mouser	688-SKRPANE010	0,55	1,65
	ESP32-S3	IC RF TxRx + MCU Bluetooth, WiFi 802.11b/g/n, Bluetooth v5.0 2.412GHz ~ 2.484GHz 56-VFQFN Exposed Pad	U0	CMP-031-00008-2	Draft	Up to date	1	Espressif Systems	ESP32-S3	Unknown	Mouser	356-ESP32-S3	1,85	1,85
	CX2016DB40000D0FLJCC	CRYSTAL 40.0000MHZ 8PF SMD	U1	CMP-20727-000002-1	New From Design	Up to date	1	Kyocera AVX	CX2016DB40000D0FLJCC	Unknown	Mouser	581-CX2016DB400DFLJCC	0,86	0,86
	23LC512-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	U2	CMP-0163-00041-1	Released	Up to date	1	Microchip	23LC512-I/SN	Volume Production	Arrow Electronics	23LC512-I/SN	1,75	1,75
	MPX53DP	MPX53DP NXP MPX53DP Pressure Sensor, Differential, 1.2 mV/kPa, 0 kPa, 50 kPa, 3 V, 6 V	U3	CMP-00561-70301700-1	New From Design	Up to date	1	NXP Semiconductors	MPX5100DP	Unknown	Digi-Key	MPX5100DP-ND	25,52	25,52
	TPD1S514-1YZR	Interface Circuit, PBGA12	U4	CMP-003-000016-2	Draft	Up to date	1	Texas Instruments	TPD1S514-1YZR	Volume Production	Arrow Electronics	TPD1S514-1YZR	1,08	1,08
	SPX3819M5-L-3-3/TR	500mA +3.3V Low-Noise LDO Voltage Regulator	U5	CMP-027-000125-1	Draft	Up to date	1	MaxLinear	SPX3819M5-L-3-3/TR	Volume Production	Mouser	701-SPX3819M5-L-33TR	0,57	0,57
	TPD4E110DPWR	TVS DIODE 5.5VWM 13VC 4X2SON	U6	CMP-04985-000023-1	New From Design	Up to date	1	Texas Instruments	TPD4E110DPWR	Volume Production	Mouser	595-TPD4E110DPWR	0,56	0,56
	W25Q16JVUXIQ	16M-BIT SERIAL FLASH MEMORY WITH DUAL/QUAD SPI USON-8	U7	CMP-031-00019-1	Draft	Up to date	1	Winbond	W25Q16JVUXIQ TR	Unknown	Arrow Electronics	W25Q16JVUXIQ TR	0,5589	0,5589
	AB26TRB-32.768KHZ-T	CRYSTAL 32.7680KHZ 12.5PF TH	X1	CMP-27762-006068-1	New From Design	Up to date	1	Abracon	AB26TRB-32.768KHZ-T	Volume Production	Newark	49X9023	0,304	0,304