

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
	C0805C105M4PACTU		C1, C2	CMP-2007-03237-1	Released	Up to date	2	KEMET	C0805C105M4PACTU	Volume Production	Arrow Electronics	C0805C105M4PACTU	0.0254	0.0508
	CRCW1210200RNTA		R1, R2, R3	CMP-2005-00653-1	Released	Up to date	3	Vishay	CRCW1210200RNTA	Volume Production				
	TNPAW040210K0DEED		R5, R6, R8, R9, R10, R11, R12	CMP-2002-01682-1	Released	Up to date	6	Vishay	TNPAW040210K0DEED	Volume Production				
	CPF0402B5K1E1		R6, R7	CMP-2002-03342-1	Released	Up to date	2	TE Connectivity	CPF0402B5K1E1	Volume Production	DigiKey	A102921CT-ND	0.26	0.52
	TC1073-3.3VCH713	50mA and 100mA CMOS LDOs with Shutdown, Active-Low Error Output and VREF Bypass, 6-Pin SOT-23, Extended Temperature, Tape and Reel	U3	CMP-0136-00636-1	Released	Up to date	1	Microchip	TC1073-3.3VCH713	Volume Production	DigiKey	150-TC1073-3.3VCH713CT-ND	0.49	0.49
	IIS2DHTR	ACCEL 2-16G 12C/SPI 12LGA	U2	CMP-12175-000008-1	New From Design	Up to date	1	STMicroelectronics	IIS2DHTR	Volume Production	DigiKey	497-15700-1-ND	3.41	3.41
	C0402C471K4GACAUTO	C0402 470 pF COG 10,00% 16 V	C8	CMP-03020-005716-2	New From Design	Up to date	1	KEMET	C0402C471K4GACAUTO	Volume Production	Arrow Electronics	C0402C471K4GACAUTO	0.0325	102.21
	AC1210K4X7R0BB104	CAP CER0.1UF 100V X7R 1210	C4, C6, C7	CMP-03422-000642-1	New From Design	Up to date	3	Yageo Group	AC1210K4X7R0BB104	Volume Production	Newark	AC1210K4X7R0BB104	0.186	0.558
	GRM188R61C106MA73J	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 16V	C3, C5	CMP-06035-009669-1	New From Design	Up to date	2	Murata	GRM188R61C106MA73J	Volume Production	Mouser	81-GRM188R61C106MA3J	0.1	0.2
	CRG1206ZR	Chip Resistor, 0 Ohm, +/- 0%, 0.25 W, -55 to 155 degC, 1206 (3216 Metric), RoHS, Tape and Reel	R4	CMP-2000-07493-1	Released	Up to date	1	TE Connectivity	CRG1206ZR	Volume Production	Newark	CRG1206ZR	0.005	0.005
	TMM-102-03-L-S	CONN HEADER 2POS SNG L 2MM T/H	J5, J6	CMP-02766-001502-1	New From Design	Up to date	2	Samtec	TMM-102-03-L-S	Volume Production	Avnet	TMM-102-03-L-S	0.3822	0.7644
	MTLW-102-07-G-S-230	CONN HEADER VERT 2POS 2.54MM	J1	CMP-02766-001053-1	New From Design	Up to date	1	Samtec	MTLW-102-07-G-S-230	Volume Production	Avnet	MTLW-102-07-G-S-230	0.5096	0.5096
	SBAT54CLT1G	Dual Common Cathode Schottky Barrier Diodes, 3-Pin SOT-23, Pb-Free, Tape and Reel	D1	CMP-1055-00546-1	Released	Up to date	1	onsemi	SBAT54CLT1G	Volume Production	DigiKey	SBAT54CLT1GOSDKR-ND	0.13	0.13
	PPPC081LFBN-RC	Female Header, Pitch 2.54 mm, 1 x 8 Position, Height 8.5 mm, Tail Length 3.2 mm, -40 to 105 degC, RoHS, Bulk	J2	CMP-002-00028-2	Draft	Up to date	1	Sullins	PPPC081LFBN-RC	Volume Production	DigiKey	S7041-ND	0.53	0.53
	PIC16LF1829-I/SS	Flash Microcontroller with XLP Technology, 32 MHz, 17 I/O, -40 to 85 degC, 20-pin SSOP (SS20), Tube	U1	CMP-0115-02781-1	Released	Up to date	1	Microchip	PIC16LF1829-I/SS	Volume Production	DigiKey	PIC16LF1829-I/SS-ND	1.89	1.89
	Q62702P5179	LED GREEN DIFFUSED 0805 SMD	LED1	CMP-62016-000039-1	New From Design	Up to date	1	Osram Opto	Q62702P5179	Volume Production	Mouser	720-LGR971-KN-1	0.15	0.15
	OVSRRGBCC3T1M	LED RGB DIFFUSED 1204 SMD	LED2	CMP-70659-000001-1	New From Design	Up to date	1	Optek	OVSRRGBCC3T1M	Volume Production	Mouser	828-OVSRRGBCC3T1M	0.58	0.58
	2N7002H6327XTSA2	MOSFET N-CH 60V 0.3A SOT23	Q1, Q2, Q3	CMP-32901-000180-1	New From Design	Up to date	3	Infineon	2N7002H6327XTSA2	Volume Production	Newark	2N7002H6327XTSA2	0.024	0.072
	MJTP1230A	SWITCH TACTILE SPST-NO 0.05A 12V	SW1	CMP-47024-000004-1	New From Design	Up to date	1	APEM	MJTP1230A	Volume Production	Newark	MJTP1230A	0.35	0.35
	MMS-104-01-L-SV	Tiger Claw(TM) Socket Strip, Through-hole, Vertical, -55 to 125 degC, 2 mm Pitch, 4-Pin, Female, RoHS	J3, J4	CMP-1022-00067-1	Released	Up to date	2	Samtec	MMS-104-01-L-SV	Volume Production	Avnet	MMS-104-01-L-SV	1.48	2.96
	USB3105-30-A	USB 2.0 A/B Receptacle, 30 V, -55 to 85 degC, 5-Pin THD, RoHS, Tape and Reel	USB1	CMP-2000-07366-1	Released	Up to date	1	Global Connector Technology	USB3105-30-A	Volume Production	Mouser	640-USB3105-30-A	0.79	0.79

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	C0805C105M4PACTU		C1, C2	CMP-2007-03237-1	Released	Up to date	2	KEMET	C0805C105M4PACTU	Volume Production	Arrow Electronics	C0805C105M4PACTU	0.0254	0.0508
	CRCW1210200RNTA		R1, R2, R3	CMP-2005-00653-1	Released	Up to date	3	Vishay	CRCW1210200RNTA	Volume Production				
	TNPA040210K0DEED		R5, R6, R8, R9, R10, R11, R12	CMP-2002-01682-1	Released	Up to date	6	Vishay	TNPA040210K0DEED	Volume Production				
	CPF0402B5K1E1		R6, R7	CMP-2002-03342-1	Released	Up to date	2	TE Connectivity	CPF0402B5K1E1	Volume Production	DigiKey	A102921CT-ND	0.26	0.52
	TC1073-3.3VCH713	50mA and 100mA CMOS LDOs with Shutdown, Active-Low Error Output and VREF Bypass, 6-Pin SOT-23, Extended Temperature, Tape and Reel	U3	CMP-0136-00636-1	Released	Up to date	1	Microchip	TC1073-3.3VCH713	Volume Production	DigiKey	150-TC1073-3.3VCH713CT-ND	0.49	0.49
	IIS2DHTR	ACCEL 2-16G 12C/SPI 12LGA	U2	CMP-12175-000008-1	New From Design	Up to date	1	STMicroelectronics	IIS2DHTR	Volume Production	DigiKey	497-15700-1-ND	3.41	3.41
	C0402C471K4GACAUTO	C0402 470 pF COG 10,00% 16 V	C8	CMP-03020-005716-2	New From Design	Up to date	1	KEMET	C0402C471K4GACAUTO	Volume Production	Arrow Electronics	C0402C471K4GACAUTO	0.0325	102.21
	AC1210K4X7R0BB104	CAP CER0.1UF 100V X7R 1210	C4, C6, C7	CMP-03422-000642-1	New From Design	Up to date	3	Yageo Group	AC1210K4X7R0BB104	Volume Production	Newark	AC1210K4X7R0BB104	0.186	0.558
	GRM188R61C106MA73J	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 16V	C3, C5	CMP-06035-009669-1	New From Design	Up to date	2	Murata	GRM188R61C106MA73J	Volume Production	Mouser	81-GRM188R61C106MA3J	0.1	0.2
	CRG1206ZR	Chip Resistor, 0 Ohm, +/- 0%, 0.25 W, -55 to 155 degC, 1206 (3216 Metric), RoHS, Tape and Reel	R4	CMP-2000-07493-1	Released	Up to date	1	TE Connectivity	CRG1206ZR	Volume Production	Newark	CRG1206ZR	0.005	0.005
	TMM-102-03-L-S	CONN HEADER 2POS SNG L 2MM T/H	J5, J6	CMP-02766-001502-1	New From Design	Up to date	2	Samtec	TMM-102-03-L-S	Volume Production	Avnet	TMM-102-03-L-S	0.3822	0.7644
	MTLW-102-07-G-S-230	CONN HEADER VERT 2POS 2.54MM	J1	CMP-02766-001053-1	New From Design	Up to date	1	Samtec	MTLW-102-07-G-S-230	Volume Production	Avnet	MTLW-102-07-G-S-230	0.5096	0.5096
	SBAT54CLT1G	Dual Common Cathode Schottky Barrier Diodes, 3-Pin SOT-23, Pb-Free, Tape and Reel	D1	CMP-1055-00546-1	Released	Up to date	1	onsemi	SBAT54CLT1G	Volume Production	DigiKey	SBAT54CLT1GOSDKR-ND	0.13	0.13
	PPPC081LFBN-RC	Female Header, Pitch 2.54 mm, 1 x 8 Position, Height 8.5 mm, Tail Length 3.2 mm, -40 to 105 degC, RoHS, Bulk	J2	CMP-002-00028-2	Draft	Up to date	1	Sullins	PPPC081LFBN-RC	Volume Production	DigiKey	S7041-ND	0.53	0.53
	PIC16LF1829-I/SS	Flash Microcontroller with XLP Technology, 32 MHz, 17 I/O, -40 to 85 degC, 20-pin SSOP (SS20), Tube	U1	CMP-0115-02781-1	Released	Up to date	1	Microchip	PIC16LF1829-I/SS	Volume Production	DigiKey	PIC16LF1829-I/SS-ND	1.89	1.89
	Q62702P5179	LED GREEN DIFFUSED 0805 SMD	LED1	CMP-62016-000039-1	New From Design	Up to date	1	Osram Opto	Q62702P5179	Volume Production	Mouser	720-LGR971-KN-1	0.15	0.15
	OVSRRGBCC3T1M	LED RGB DIFFUSED 1204 SMD	LED2	CMP-70659-000001-1	New From Design	Up to date	1	Optek	OVSRRGBCC3T1M	Volume Production	Mouser	828-OVSRRGBCC3T1M	0.58	0.58
	2N7002H6327XTSA2	MOSFET N-CH 60V 0.3A SOT23	Q1, Q2, Q3	CMP-32901-000180-1	New From Design	Up to date	3	Infineon	2N7002H6327XTSA2	Volume Production	Newark	2N7002H6327XTSA2	0.024	0.072
	MJTP1230A	SWITCH TACTILE SPST-NO 0.05A 12V	SW1	CMP-47024-000004-1	New From Design	Up to date	1	APEM	MJTP1230A	Volume Production	Newark	MJTP1230A	0.35	0.35
	MMS-104-01-L-SV	Tiger Claw(TM) Socket Strip, Through-hole, Vertical, -55 to 125 degC, 2 mm Pitch, 4-Pin, Female, RoHS	J3, J4	CMP-1022-00067-1	Released	Up to date	2	Samtec	MMS-104-01-L-SV	Volume Production	Avnet	MMS-104-01-L-SV	1.48	2.96
	USB3105-30-A	USB 2.0 A/B Receptacle, 30 V, -55 to 85 degC, 5-Pin THD, RoHS, Tape and Reel	USB1	CMP-2000-07366-1	Released	Up to date	1	Global Connector Technology	USB3105-30-A	Volume Production	Mouser	640-USB3105-30-A	0.79	0.79