

Comment	Description	Designator	Footprint
100nF	Capacitor 100NF - 0402	C6	CAPC1005X56N
22nF	Capacitor 22NF	C7	CAPC1005X56N
GRM188R71H104KA93D	Chip Capacitor, 0.1 uF, +/- 10%, 50	C8	CAPC1608X90X35ML10T
4.7uF	4.7µF ±10% 6.3V Ceramic Capacitor	C9	CAPC2012X75N
0.1uF	0.1µF ±10% 16V Ceramic Capacitor	C10, C11, C12	CAPC1005X55N
0.1uf	Capacitor .1UF MLCC 6.3V, 02013D	C13, C14, C15, C16, C17	CAPC0603X33N
10uF	10µF ±20% 6.3V Ceramic Capacitor	C25, C36, C39, C41	CAPC2012X145N
06035A330FAT2A		C34, C35	CAPC1608X90X35NL15T
100nF	Capacitor 0201 100NF 6.3V	C37	CAPC0603X33N
CL10A105KO8NNNC	Cap Ceramic 1uF 16V X5R ±10% Pad	C38	FP-CL10-IPC_A
100nF	100nF 50V X7R 1608 Multi Layer	C43	CAP_1608-0603
CAP 47uF 10V 1206(321	CAP 47uF 10V ±20% 1206 (3216 Me	C50	CAPC1206(3216)190_N
0.68uF	Multilayer Ceramic Capacitors MLC	C51	CAPC1608X87N
C0402C104K9RACTU		C61	CAPC1005X55X30NL05T
CC0603KRX7R7BB104	CAP CER 0.1UF 16V X7R 0603	C300	FP-CC0603-DA-MFG
62674-301121ALF	30 Position FFC, FPC Connector Cor	CN7	*FCI_62674-301121ALF
PS04LTVA1	TVS Diode (Bi-directional)	D2, D3, D4, D5	DIONC1105X44N
82400102	Diode, TVS Diode, 82400 Series, 5 V	D50, D51	SOT95P280X145-6N
TLMS1000-GS08	Low Current LED, 40 mW, 1.8 V, -40	DS1, DS3, DS4	VISH-TLMS1000_V
NANOSMDC150F-2	PolySwitch Resettable Device, 6 V,	F1	TECO-NANOSMDC150F-
BKP1005HM121-T	FERRITE BEAD 120 OHM 0402 1LN	FB2, FB3	BEADC1005X55N
DLP11SN900HL2L	Filter 150mA 90R Choke	FL1, FL2	DLP11SA350HL2B
LAN9512-JZX	Integrated Circuit Microchip's single	IC5	QFN50P900X900X100-6
CAT24C256YI-GT3	IC EEPROM 256K I2C 1MHZ 8TSSOP	IC7	SOP65P640X120-8N
1565917-4	200 Positions 0.6 mm Memory Card	J	TE_1565917-4
SRN4018-4R7M	FIXED IND 4.7UH 1.9A 84 MOHM S	L1, L2	FP-SRN4018-MFG
PAM2306AYPKE	Buck Switching Regulator IC Positiv	PS1	SON45P300X300X80-13
BSS138-7-F	MOSFET (N-Channel)	Q1	BSS1387F
	MOSFET MOSFET N-CHANNEL SOT-	Q3, Q4	SOT50P160X80-3N
DMP3056L-7	MOSFET P-CH 30V 4.3A SOT23	Q6	FP-SOT23-MFG
ERJ-3EKF10R0V	RES SMD 10 OHM 1% 1/10W 0603	R6	FP-ERJ3EK-MFG
10K	10K 50V 1% 63mW 1608 SMD Res	R9, R11, R25, R26, R29	RES_1608-0603
RC0603FR-071ML	Chip Resistor, 1 MOhm, +/- 1%, 100	R10	RESC1608X55X25LL10T1
12.4K	12.4 kOhms ±1% 0.1W, 1/10W Chip	R15	RESC1005X40N
12K	12 kOhms ±1% 0.05W, 1/20W Chip	R16	RESC0603X28N
CR0402-FX-49R9GLF	Thick Film Chip Resistors 0402 49.9	R17, R18, R19, R20	FP-CR0402-IPC_B
330R	SMD Chip Resistor, 330 ohm, ± 1%,	R22, R23	RESC1608X55N
ERJ-3EKF1501V		R24, R149	RESC1608X55X30ML15T
100K	100 kOhms ±1% 0.063W, 1/16W Ch	R30	RESC1005X40N
OR	Thick Film Resistors - SMD ZERO OH	R33, R34, R47	RESC1608X55N
RC0603FR-070RL	RES SMD 0 OHM JUMPER 1/10W 060	R39, R40, R45, R46	FP-RC0603-MFG
RC0402FR-07100KL		R41, R42, R43, R44	RESC1005X40X25NL05T
100K	100K 50V 1% 63mW 1608 SMD Res	R49, R52, R54	RES_1608-0603
ERJ-2RKF1501X		R56, R100	RESC1005X40X25NL05T
CRCW060310K0FKEA	Chip Resistor, 10 KOhm, +/- 1%, 100	R61	RESC1609X50X30NL8T2
OR	OR 50V 1% 63mW 1608 SMD Res	R302, R303	RES_1608-0603

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47K	47K 50V 1% 63mW 1608 SMD Res	R440, R441	RES_1608-0603
1K	1K 50V 1% 63mW 1608 SMD Res	R442, R1001	RES_1608-0603
7499011121A	WE-RJ45 LAN Transformer, THT, 10	T1	7499011121A
93AA66AT-I/OT	IC EEPROM 4K SPI 2MHZ SOT23-6	U3	FP-C04-028-IPC_A
ABM7-25.000MHZ-D2Y-	Crystal, 25 MHz, SMD, 6mm x 3.5m	Y1	ABM7

LibRef	Quantity	Manufacturer 1	Manufacturer_Part	Manufacturer
04026D104KAT2A	1		04026D104KAT2A	
0402YC223KAT2A	1		0402YC223KAT2A	
CMP-2100-03643-1	1	KEMET		Murata
CL10B475KQ8NQNC	1		CL10B475KQ8NQNC	
GRM155R71C104KA88D	3		GRM155R71C104KA88D	
02013D104KAT2A	12		02013D104KAT2A	
GRM21BR60J106ME19L	4		GRM21BR60J106ME19L	
CMP-2006-04294-1	2	Kyocera AVX		AVX Interconnect / E
GRM033R60J104KE19D	1		GRM033R60J104KE19D	
CMP-13271-001457-1	1	Samsung		
C_1608_100nF_50V_1	1	KEMET		KEMET
CMP-1037-05002-1	1	KEMET		
885012206051	1		885012206051	
CMP-2008-03087-1	1	KEMET		Kemet
CMP-2000-05002-2	1	Vishay Vitramon		YAGEO
62674-301121ALF	1	Amphenol ICC / FCI		
PS04LTVA1	4		PS04LTVA1	
82400102	2		82400102	
CMP-2000-07254-1	3	Vishay		Vishay
CMP-2000-06806-1	1	TE Connectivity		TEConnectivity/Circu
BKP1005HM121-T	2		BKP1005HM121-T	
DLP11SN900HL2L	2		DLP11SN900HL2L	
LAN9512-JZX	1		LAN9512-JZX	
CAT24C256YI-GT3	1		CAT24C256YI-GT3	
1565917-4	1			
CMP-07248-000014-1	2	Bourns		Bourns
PAM2306AYPKE	1		PAM2306AYPKE	
BSS138-7-F	1		BSS138-7-F	
DMG1012T-7	2		DMG1012T-7	
CMP-12801-000002-1	1	Diodes		Diodes Inc.
CMP-2000-00195-2	1	Panasonic		Panasonic
R_1608_10K	7	Multicomp		Multicomp
CMP-1659-00056-1	1	Yageo		
ERJ-2RKF1242X	1		ERJ-2RKF1242X	
CRCW020112K0FKED	1		CRCW020112K0FKED	
CMP-2002-05247-2	4	Bourns		
CR0603-FX-3300GLF	2		CR0603-FX-3300GLF	
CMP-1012-00528-2	2	Bourns		Panasonic
RC0402FR-07100KL	1		RC0402FR-07100KL	
RC0603JR-070RL, CRCW	3		RC0603JR-070RL, CRCW06030000Z0EAC	
CMP-2000-06925-2	4	Yageo		Yageo
CMP-2002-07343-1	4	Yageo		Yageo / Phycomp
R_1608_100K	3	MULTICOMP PRO		Multicomp
CMP-2002-00693-1	2	Panasonic		Panasonic
CMP-1666-00005-4	1	Vishay		Vishay Semiconduct
R_1608_OR	2	Panasonic		Panasonic

LibRef	Quantity	Manufacturer 1	Manufacturer_Part	Manufacturer
R_1608_47K	2	Multicomp		Multicomp
R_1608_1K	2	Multicomp		Multicomp
7499011121A	1			
CMP-0162-00326-2	1	Microchip		
ABM7-25.000MHZ-D2Y-	1		ABM7-25.000MHZ-D2Y-T	

Manufacturer Part Number	Manufacturer Name	Manufacturer P/N	Part Number	Supplier 1
	AVX			
	AVX			
				Newark
	Samsung Electro-Mechanics			
	Murata Electronics			
	AVX			
	Murata Electronics			
ilco			06035A330FAT2A	Avnet
	Murata Electronics			
				Digi-Key
		C0603C104K5RACTU		Farnell
				Avnet
	Würth Elektronik			
			C0402C104K9RACTU	RSComponents
CC0603KRX7R7BB104				Farnell
				Digi-Key
	Eaton			
	Würth Elektronik			
				Future Electronics
nitProtection				Allied Electronics
	TAIYO YUDEN			
	Murata Electronics			
	Microchip			
	ON Semiconductor			
SRN4018-4R7M				Newark
	Diodes Inc.			
	MULTICOMP			
	Diodes Inc.			
DMP3056L-7				Newark
ERJ-3EKF10R0V				Farnell
		MC 0.063W 0603 1% 10K		Farnell
				Farnell
	Panasonic			
	Vishay			
				Newark
	Bourns			
			ERJ-3EKF1501V	
	YAGEO (PHYCOMP)			
	YAGEO (PHYCOMP), Vishay			
RC0603FR-070RL				Future Electronics
			RC0402FR-07100KL	Farnell
		MC 0.063W 0603 1% 100K		Farnell
			ERJ-2RKF1501X	Farnell
or				Farnell
		ERJ3GEY0R00V		Farnell

Manufacturer Part N	Manufacturer_Name	Manufacturer P/N	Part Number	Supplier 1
		MC 0.063W 0603 1% 47K		Farnell
		ANY, MC 0.063W 0603 1% 1K		Farnell
			7499011121A	
				Farnell
	ABRACON			