

Comment	Description	Designator	Footprint	LibRef
0.1μF	CAP CER 0.1UF 10V X5R 0402	C1, C2, C3, C7, C8, C9, C11, C	CAPC1005X55L	GRM155R61A104KA01J
4.7μF	CAP CER 4.7UF 6.3V X5R 0402	C4, C5, C6	CAPC1005X55L	CL05A475MQ5NRNC
10μF	CAP CER 10UF 6.3V X5R 0402	C10, C16, C29, C30, C31	CAPC1005X55L	CL05A106MQ5NUNC
22μF	CAP CER 22UF 4V X5R 0603	C12, C13	CAPC1608X90L	CL10A226MR8NQNC
10pF	CAP CER 10PF 50V NP0 0402	C20, C21	CAPC1005X55L	GRM1555C1H100FA01D
6.2pF	CAP CER 6.2PF 50V NP0 0402	C22, C23	CAPC1005X55L	GRM1555C1H6R2BA01D
47pF	CAP CER 47PF 50V NP0 0402	C25, C26	CAPC1005X55L	CL05C470JB5NNNC
LTST-C191KFKT	LED ORANGE CLEAR 0603 SMD	DS1, DS2, DS3	LEDSC80X160X55-2L	LTST-C191KFKT
DEA162500LT-1217A1	FILTER LOWPASS 2.4GHZ W-LAN 0603	FL1	TDK_DEA162500LT-1217A1	DEA162500LT-1217A1
3020-20-0100-00	IDC BOX HEADER .100" 20POS	J1	SHDRV20W64P254_10X2_3302X900H900	3020-20-0100-00
USB MICRO B	CONN USB MICRO B RECPT SMT R/A	J2	FCL_10118193-0001LF - NO SLOTS	10118193-0001LF
S3B-PH-K-S	CONN HEADER PH SIDE 3POS 2MM	J3, J4, J5, J6, J7	JST_S3B-PH-KL	S3B-PH-K-S(LF)(SN)
0472192001	CONN MICRO SD CARD HINGED TYPE	J8	MOLEX_472192001	0472192001
SMA	CONN SMA JACK 50 OHM EDGE MNT	J9	MOLEX_73251-115	0732511150
2.2μH	FIXED IND 2.2UH 1.3A 80 MOHM SMD	L1, L3, L4	INDC2520X120N	LQM2HPN2R2MG0L
1μH	FIXED IND 1UH 1.5A 90 MOHM SMD	L2	INDC2520X120L	LQM2HPN1R0MJ0L
100k	RES SMD 100K OHM 5% 1/10W 0402	R1, R6, R9, R10, R11, R12, R16	RESC1005X40L	ERJ-2GEJ104X
2.7k	RES SMD 2.7K OHM 5% 1/10W 0402	R3	RESC1005X40L	ERJ-2GEJ272X
330	RES SMD 330 OHM 5% 1/10W 0402	R4, R5, R14	RESC1005X40L	ERJ-2GEJ331X
1.5k	RES SMD 1.5K OHM 5% 1/10W 0402	R7, R8	RESC1005X40L	ERJ-2GEJ152X
27	RES SMD 27 OHM 5% 1/8W 0805	R13, R15	RESC2012X70N	ERJ-6GEYJ270V
33k	RES SMD 33K OHM 5% 1/10W 0402	R17	RESC1005X40L	ERJ-2GEJ333X
FT230XQ-T	IC USB SERIAL BASIC UART 16QFN	U1	QFN65P400X400X80-17T215X215L	FT230XQ-T
CC3200R1M2RGC	IC MCU 256KB ARM CORTEX 64VQFN	U2	CC3200	CC3200R1M2RGC
TPS63031	IC REG BUCK BST 3.3V 0.9A 10SON	U3	SON50P250X250X80-11T130X210L	TPS63031DSKR
AT25SF081	IC FLASH 8MBIT 104MHZ 8SOIC	U4	ADESTO_8S1	AT25SF081-SSHD-T
LTR-303ALS-01	AMBIENT LIGHT PHOTO SENSOR	U5	LITEON_LTR-303ALS	LTR-303ALS-01
HDC1050	IC HUMIDITY SENSOR W/TEMP 6WSON	U6	SON100P300X300X80-7T160X250L	HDC1050DMBR
SKY13350-385LF	IC SWITCH SPDT 6GHZ 6MLPD	U8	SKYWORKS_SKY13350-385LF	SKY13350-385LF
ABS07-32.768KHZ-T	CRYSTAL 32.7680KHZ 12.5PF SMD	Y1	XTALDFN320X130X90-2L	ABS07-32.768KHZ-T
CX3225SB40000D0FFFC	CRYSTAL 40.0000MHZ 8PF SMD	Y2	OSCCC320X250X60L	CX3225SB40000D0FFFC

Quantity	Manufacturer	Manufacturer Part Number
25	Murata Electronics North America	GRM155R61A104KA01J
3	Samsung Electro-Mechanics America, Inc.	CL05A475MQ5NRNC
5	Samsung Electro-Mechanics America, Inc.	CL05A106MQ5NUNC
2	Samsung Electro-Mechanics America, Inc.	CL10A226MR8NQNC
2	Murata Electronics North America	GRM1555C1H100FA01D
2	Murata Electronics North America	GRM1555C1H6R2BA01D
2	Samsung Electro-Mechanics America, Inc.	CL05C470JB5NNNC
3	Lite-On Inc.	LTST-C191KFKT
1	TDK Corporation	DEA162500LT-1217A1
1	CNC Tech	3020-20-0100-00
1	FCI	10118193-0001LF
5	JST Sales America Inc.	S3B-PH-K-S(LF)(SN)
1	Molex, LLC	0472192001
1	Molex, LLC	0732511150
3	Murata Electronics North America	LQM2HPN2R2MG0L
1	Murata Electronics North America	LQM2HPN1R0MJ0L
16	Panasonic Electronic Components	ERJ-2GEJ104X
1	Panasonic Electronic Components	ERJ-2GEJ272X
3	Panasonic Electronic Components	ERJ-2GEJ331X
2	Panasonic Electronic Components	ERJ-2GEJ152X
2	Panasonic Electronic Components	ERJ-6GEYJ270V
1	Panasonic Electronic Components	ERJ-2GEJ333X
1	FTDI, Future Technology Devices International Ltd	FT230XQ-T
1	Texas Instruments	CC3200R1M2RGCR
1	Texas Instruments	TPS63031DSKR
1	Adesto Technologies	AT25SF081-SSHD-T
1	Lite-On Inc.	LTR-303ALS-01
1	Texas Instruments	HDC1050DMBR
1	Skyworks Solutions Inc.	SKY13350-385LF
1	Abracon LLC	ABS07-32.768KHZ-T
1	AVX Corp/Kyocera Corp	CX3225SB40000D0FFCC