

Item	Description	Footprint	Qty	Location
RES				
1	RES-0402-thems, 100K Ω , 1%	0402	2	R506, R603
2	RES-0201-0 Ω , 5%, 1/20W	0201	11	R1503, R1616, R1410, R455, R456, R1413, R1414, R1415, R1001, R1002, R1004
3	RES-0402-0 Ω , 5%, 1/16W	0402	15	R442, R522, L701, R704, C708, R709, R719, C744, R824, L1007, R1011, R1012, R1019, R1021, R1018
4	RES-0603-7.5 Ω , 5%, 1/10W	0402	1	R821
5	RES-0402-27 Ω , 5%, 1/16W	0402	2	R733, R737
6	RES-0402-33 Ω , 5%, 1/16W	0402	2	R434, R436
7	RES-0402-36 Ω , 1%, 1/16W	0402	1	R739
8	RES-0402-51 Ω , 5%, 1/16W	0402	1	R722
9	RES-0402-243 Ω , 1%, 1/16W	0402	2	R501, R502
10	RES-0402-510 Ω , 5%, 1/16W	0402	2	R1607, R1610
11	RES-0201-1K Ω , 5%, 1/20W	0201	6	R728, R730, R742, R805, R1606, R1613
12	RES-0402-1k Ω , 5%, 1/16W	0402	8	R304, R309, R316, R408, R429, R432, R447, R1608
13	RES-0201-1.1K Ω , 5%, 1/20W	0201	1	R703
14	RES-0402-1.5k Ω , 5%, 1/16W	0402	3	R411, R430, R433
15	RES-0201-2.2K Ω , 5%, 1/20W	0201	6	R204, R205, R206, R209, R212, R213
16	RES-0402-3.3k Ω , 5%, 1/16W	0402	2	R310, R1015
17	RES-0201-5.1K Ω , 1%, 1/20W	0201	1	R203
18	RES-0201-10K Ω , 1%, 1/20W	0201	7	R210, R211, R451, R452, R801, R840, R527
19	RES-0402-24K Ω , 1%, 1/16W	0402	1	R306
20	RES-0201-39K Ω , 5%, 1/20W	0201	2	R504, R601
21	RES-0402-39K Ω , 1%, 1/16W	0402	1	R318
22	RES-0201-47K Ω , 5%, 1/20W	0201	15	R1417, R1418, R1419, R1420, R1421, R1422, R820, R514, R524, R525, R526, R528, R529, R530, R531
23	RES-0201-51K Ω , 5%, 1/20W	0201	2	R207, R208
24	RES-0201-220K Ω , 5%, 1/20W	0201	2	R505, R604
25	RES-0402-220K Ω , 1%, 1/16W	0402	1	R815
26	RES-0402-330K Ω , 1%, 1/16W	0402	1	R313
27	RES-0402-1M Ω , 5%, 1/16W	0402	1	R1020
28	RES-1206-0.2 Ω , 1%, 1/4W	1206	1	R312

29	RES-0805-0.02 Ω , 1%, 1/8W	0805	1	R366
CAP				
1	CAP-0201-1 μ F, 20%, X5R, 6.3V	0402	33	C275, C276, C335, C339, C342, C345, C347, C348, C349, C352, C360, C361, C362, C363, C366, C369, C381, C383, C389, C390, C394, C395, C457, C462, C520, C521, C614, C617, C618, C619, C835, C1505, C1513
2	CAP-0402-1 μ F, 10%, X5R, 6.3V	0402	28	C207, C370, C380, C411, C412, C415, C417, C504, C507, C518, C519, C831, C269, C384, C1001, C1006, C1007, C1010, C1011, C1012, C1016, C1018, C1028, C1039, C1047, C1061
3	CAP-0201-100nF, 20%, X5R, 6.3V	0402	40	C332, C333, C337, C338, C341, C343, C344, C350, C354, C355, C357, C364, C365, C368, C371, C372, C373, C374, C375, C376, C377, C382, C385, C387, C392, C398, C801, C802, C812, C823, C837, C1504, C1511, C1521, C1526, C1603, C1607, C464, C465, C466
4	CAP-0402-100nF, 10%, X5R, 10V	0402	26	C205, C206, C511, C512, C513, C515, C516, C522, C637, C720, C722, C737, C740, C1402, C1604, C1608, C1004, C1013, C1015, C1029, C1055, C1056, C1059, C1060, C1062, C1063
5	CAP-0201-10nF, 20%, X5R, 6.3V	0402	5	C643, C804, C810, C811, C828
6	CAP-0402-10nF, 10%, X5R, 50V	0402	2	C268, C807
7	CAP-0201-1nF, 20%, COG, 50V	0402	2	C356, C629
8	CAP-0402-1nF, 10%, X7R, 50V	0402	9	C424, C425, C427, C636, C701, C703, C704, C706, C1044
9	CAP-0402-100pF, 5%, COG, 50V	0402	5	C402, C403, C413, C420, C426
10	CAP-0402-82pF, 5%, COG, 50V	0402	2	C719, C736
11	CAP-0402-56pF, 5%, COG, 50V	0402	2	C710, C733
12	CAP-0402-33pF, 5%, COG, 50V	0402	17	C404, C407, C409, C414, C416, C418, C419, C421, C422, C423, C428, C625, C709, C726, C1040, C1041, C1043
13	CAP-0201-18pF, 5%, COG, 50V	0402	2	C202, C210
14	CAP-0402-18pF, 5%, COG, 50V	0402	5	C605, C607, C712, C725, C1005
15	CAP-0402-10pF, 5%, COG, 50V	0402	16	C633, C647, C648, C649, C650, C608, C609, C611, C613, C1002, C1025, C1035, C1045, C1048, C1050, C1051
16	CAP-0402-8.2pF, 0.25pF, COG, 50V	0402	2	C15, C16
17	CAP-0402-2.2pF, 0.25pF, COG, 50V	0402	2	C1024, C1042
18	CAP-0402-6.8pF, 0.25pF, COG, 50V	0402	1	C745
19	CAP-0603-4.7 μ F, 10%, X5R, 6.3V	0603	12	C239, C243, C244, C315, C316, C318, C351, C458, C506, C517, C1003, C1008, C1009

20	CAP-0402- 2. 2uF, 20%, X5R, 6. 3V	0603	15	C267, C334, C353, C386, C509, C510, C514, C616, C808, C826 , C827, C830, C1401, C1525, C1019
21	CAP-0603- 2. 2uF, 10%, X5R, 6. 3V	0603	5	C313, C359, C735, C738, C825
22	CAP-0603-10uF, 20%, X5R, 6. 3V	0603	3	C401, C454, C705
23	CAP-0603-22uF, 20%, X5R, 6. 3V	0603	10	C235, C241, C245, C256, C358, C388, C391, C393, C463, C702
24	CAP-0603-1uF, 10%, X5R, 25V	0603	2	C367, C806
25	CAP-0805-1uF, 20%, 50V, 0. 8mm	0805	1	C805
26	CAP-0402- 0. 5pF, 0. 25pF, COG, 50V	0402	2	L606, C628, C731
Ind				
1	IND-0402-100nH, 5%	0402	1	L401
2	IND-0402-47nH, 5%	0402	1	L618
3	IND-0402-33nH, 5%	0402	1	C711
4	IND-0402-27nH, 5%	0402	1	L1010
5	IND-0402-22nH, 5%	0402	1	L605
6	IND-0402-10nH, 5%	0402	1	C749
7	IND-0402-6. 8nH, 5%	0402	1	L1008
8	IND-0402-5. 6nH, +/-0. 3nH	0402	3	L608, C634, L612
9	IND-0402-3. 6nH, +/-0. 3nH	0402	1	L3
10	IND-0402-3. 3nH, +/-0. 3nH	0402	1	C606
11	IND-0402-1. 5nH, +/-0. 3nH	0402	2	C632, C635
12	IND-POWER-1212-10uH, 20%	1212	2	L801, L802
13	IND-POWER-2410-4. 7uH, 20%	1008	1	L313
14	IND-POWER-2520- 2. 2uH, 20%, 1300mA	1008	5	L309, L1001, L305, L311, L312
15	IND-BEAD--0402-75R/1GHZ	0402	5	B801, B802, R823, R830, R1609
16	IND-BEAD- 0603, 220R@100MHZ, , DCR=0. 1R , 1400mA	0603	4	L215, R707, R708, R713
17	IND-BEAD--0402- 120R/100MHZ, DCR=0. 25R, 500m A	0402	12	R320, R321, B401, B402, B415, B417, R825, R829, B1001, B10 02, B1003, B1501
16	IND-BEAD- 0603, 1K/100MHZ, 0. 5DCR, 100m A	0603	1	B405
17	IND-BEAD- 0603, 2. 5K@1GHZ, 50mA	0603	3	B408, B409, B410
18	IND-0402-1. 2nH, +/-0. 3nH	0402	1	L710

Other				
1	IC-IC-AP/BP, MT6577A	MT6577A	1	U201
2	IC-IC-PMIC, MT6329	MT6329	1	U331
3	IC-IC-4W+4G TRANCEIVER, MT6162	MT6162	1	U603
4	IC-IC-QUAD-BAND GPRS/LINEAR EDGE TRANSMIT MODULE WITH TWO WCDMA PORTS, MT6573, RF3232	RF3232TR13	1	U701
5	IC-MEMORY- eMMC+LPDDR2 (4GB+4Gb), MT6575	H9TP32A4GDMCPR-KDM	1	U501
6	IC-PA Module for WCDMA BAND2, MT6573	RF7242	1	U707
7	IC-PA Module for WCDMA BAND5, MT6573	RF7245	1	U708
8	IC-SAW, WCDMA BAND2(1900)	SAYRJ1G88CA0B00	1	U604
9	IC-SAW, WCDMA BAND5 (850)	B7923	1	U605
10	IC-SAW (GSM900)	SAFEA942MFLOF00	1	U608
11	IC-SAW (GSM1800/1900)	SAWEN1G84CWOF00 R14	1	U609
12	IC-I/O-LED DRIVER, 50V OVP	CP2123ST-A1	1	U813
13	IC-WIFI/GPS/FM/BT 4IN1 MODULE, MT6620	S500	1	U1001
14	IC-GPS-LNA, BGU7005	BGU7005	1	U1004
15	LDO- DUAL, 2.8/1.8V, 300mA, TSOT23-6	RT9011-MGJ6	1	U1008
16	IC-SAW-2.4G SAW	LFB182G45SG9A29	1	F1001
17	IC-SAW-1.5G, GPS SAW	SAFEB1G57KE0F00	1	F1002
18	CRY-32.768KHz, 12.5pF, +/- 20ppm	SSP-T7-F	1	X201
19	CRY-26MHz, 2520, MT6620, 2.8V, 4pin	TX6217	1	U1003
21	CRY-26MHz VCXO, 2520, 2.8V	TX0371B2	1	U606
22	DIO-UMD2, VF<0.41V&0.5A	RB551V-30	5	D302, D306, D801, D802, D1401
23	EMI&ESD- ESD, BI_TVS, 0402, 5V, 3- 6pF, 10KV	ESD9B5VL-2/TR	4	T1411, T1416, T1417, T1418

24	EMI&ESD- ESD, Bi_TVS, 0402, 5V, 0. 5pF	ES0402V014BT	28	T301, T302, T401, T402, T403, T404, T405, T1404, T1405, T1521, T1522, T1523, T1524, T1525, T1526, T1406, T1407, T1408, T1409, T1410, T1412, T1413, T1414, T1415, T1419, T1420, T1421, T408
25	CHRG-HIGH GAIN LOW VOLTAGE PNP POWER TRANSISTOR, STT818B	PT236T30E2	1	U301
26	MOS- MOSFET, NCHANNEL, 2SK3541	2SK3541	4	Q301, Q1604, Q1605, Q1606
27	IC-GSENSOR, I2C, 1. 8- 3. 3V, 10bit AD	BMA250	1	U1601
27	IC-MSENSOR, I2C, 1. 8-3. 3V	YAS530B	1	U1602
27	IC-CTP SENSOR, I2C, 1. 8- 3. 3V, GT813	GT813	1	U801
28	DIO-Io>1A, 5. 1v,	MMSZ5231BT1G	1	D301
29	IC-ALS&PS	CM3623AD	1	U1603
30	BAT-RTC, 3. 3V, 0. 027 mAh to 2. 0V, XH311HU-IV07EA	XH311HU-IV07EA	1	BB301
31	CON-BAT CON, 3pin, H=4. 5, KBC13S1D1R	KBC13S1D1R	1	BAT301
32	CON-SIM, ONE, KWS6186M5NR	KWS6186M5NR	2	SIM1502, SIM1503
33	CON-TFCARD, cah11-08163- s100	cah11-08163- s100	1	TF1401
34	CON-ZIF, 51pin, FS26-51S- 0. 3SHW (05)	FS26-51S- 0. 3SHW (05)	1	J801
35	CON-ZIF, 39pin, FS26-39S- 0. 3SHW (05)	FS26-39S- 0. 3SHW (05)	1	J802
36	CON- USBCON, SMT, MBY602, 5pin, KIU 90511N1R	KIU90511N1R	1	P1401
37	CON-BTB, 24pin, AXK7L24223	AXK7L24223	2	J1501, J1404
38	CON-HEADSET, 3. 5mm MAW00, PJK-3506-1646	PJK-3506-1646	1	J401
39	CON-1PIN, RF, KRF1S91101R	KRF1S91101R	4	ANT1001, ANT1002, ANT1003, ANT1004
40	CON-BTB, 24pin, GB042-24S- H10-E3000	GB042-24S-H10- E3000	1	J1502
41	CON-RF TEST, 50R	ECT818000163	1	SW701
42	CON-RF, MAW00S	818000157	1	P701
43	LED-RGB, 19-337/R6GHBHC-C02	19-337/R6GHBHC- C02	1	LED1602
44	LED-PS, HIR26-21C-L423-TR8	HIR26-21C-L423- TR8	1	LED1603
45	OTHER-SLD, MAW00-RF-SLD	MAW00-RF-SLD	1	RF-SLD

46	OTHER-SLD MH00S-BB-SLD	MH00S-BB-SLD	1	BB-SLD
47	OTHER-SLD, MAW01-4IN1-SLD	MAW01-4IN1-SLD	1	4IN1-SLD
48	OTHER-SLD MAW00S-Backled-SLD	MAW03-Ledback-SLD	1	Backled-SLD
50	PCB-MH00EMAIN, 10LAYER, V1. 0	MH00EMAIN-PCB V1. 0	1	

Part Number	Vender
NCP15WF104F03RC	MURATA
RC0201JR-070RL	YAGEO
RC0402JR-070RL	YAGEO
RC0603JR-077R5L	YAGEO
RC0402JR-0727RL	YAGEO
RC0402JR-0733RL	YAGEO
RC0402FR-0736RL	YAGEO
RC0402JR-0751RL	YAGEO
RC0402FR-07243R	YAGEO
RC0402JR-07510RL	YAGEO
RC0201JR-071KL	YAGEO
RC0402JR-071KL	YAGEO
RC0201JR-071K1L	YAGEO
RC0402JR-071K5L	YAGEO
RC0201JR-072K2L	YAGEO
RC0402JR-073K3L	YAGEO
RC0201FR-075K1L	YAGEO
RC0201FR-0710KL	YAGEO
RC0402FR-0724KRL	YAGEO
RC0201JR-0739KL	YAGEO
RC0402FR-0739KRL	YAGEO
RC0201JR-0747KL	YAGEO
RC0201JR-0751KL	YAGEO
RC0201JR-07220KL	YAGEO
RC0402FR-07220KRL	YAGEO
RC0402FR-07330KRL	YAGEO
RC0402JR-071ML	YAGEO
RL1206FR-070R2L	YAGEO

RL0805FR-070R02L	YAGEO
GRM033R60J105MEA2D	MURATA
GRM155R60J105K*	MURATA
GRM033R60J104KE19D	MURATA
GRM155R71C104KA88D	MURATA
GRM033R61A103KA01D	MURATA
GRM155R71H103KA01D	MURATA
GRM033R71E102KA01D	MURATA
GRM155R71H102K	MURATA
GRM1555C1H101J	MURATA
GRM1555C1H820J	MURATA
GRM1555C1H560J	MURATA
GRM1555C1H330J	MURATA
GRM0335C1E180JD01D	MURATA
GRM1555C1H180J	MURATA
GRM1555C1H100J	MURATA
GRM1555C1H8R2C	MURATA
GRM1555C1H2R2C	MURATA
GRM1555C1H6R8C	MURATA
GRM188R60J475K	MURATA

GRM155R60J225ME15D	MURATA
GRM188R61A225K	MURATA
GRM188R60J106ME47D	MURATA
GRM188R60J226MEA0D	MURATA
GRM188R61E105K	MURATA
GRM219F51H105ZA01L	MURATA
GRM1555C1HR50CZ01D	MURATA
LQG15HSR10J02D	MURATA
LQG15HS47NJ02D	MURATA
LQG15HS33NJ02D	MURATA
LQG15HS27NJ02D	MURATA
LQG15HS22NJ02D	MURATA
LQG15HS10NJ02D	MURATA
LQG15HS6N8J02D	MURATA
LQG15HS5N6S02D	MURATA
LQG15HS3N6S02D	MURATA
LQG15HS3N3S02D	MURATA
LQG15HS1N5S02D	MURATA
LQH3NPN100K	MURATA
NRH2410T4R7MN	Taiyo
LQM2HPN2R2MG0L	MARATA
BLM15BB750SN1	MURATA
BLM18PG221SN1	MURATA
BLM15AG121SN1	MURATA
BLM18AG102SN1	MURATA
BLM18BD252SN1D	MURATA
LQG15HS1N2S02D	MURATA

MT6575A	MTK
MT6329	MTK
MT6162	MTK
RF3232TR13	RFMD
H9TP32A4GDMCPR-KDM	HY
RF7242	RFMD
RF7245	RFMD
SAYRJ1G88CA0B00	MURATA
B7923	EPCOS
SAFEA942MFL0F00R14	MURATA
SAWEN1G84CW0F00R14	MURATA
CP2123ST-A1	CHIPHOMER
S500	USI
BGU7005	NXP
RT9011-MGJ6	RICHTEK
LFB182G45SG9A293	MURATA
SAFEB1G57KE0F00	MURATA
SSP-T7-F	SII
TX6217	RAKON
TX0371B2	TST
RB551V-30	ROHM
ESD9B5VL-2/TR	willsemi

ES0402V014BT	AEM
PT236T30E2	Prisemi
2SK3541	JCST
BMA250	BOSCH
YAS530B	YAMAHA
GT813	GDIX
MMSZ5231BT1G	On semi
CM3623AD	Capella
XH311HU-IV07EA	SII
KBC13S1D1R	WEIAN
KWS6186M5NR	WEIAN
cah11-08163-s100	LCN
FS26-51S- 0.3SHW(05)	HIROS
FS26-39S- 0.3SHW(05)	HIROS
KIU90511N1R	WEIAN
AXK7L24223	TOSHIBA
PJK-3506-1646	JS
KRF1S91101R	WEIAN
GB042-24S-H10- E3000	LS Mtron
ECT818000163	ECT
818000157	ECT
19-337/R6GHBHC-C02	Everlight
HIR26-21C-L423-TR8	Everlight
MAW00-RF-SLD	BAIWEN

MHOOS-BB-SLD	BAIWEN
MAW01-4IN1-SLD	BAIWEN
MAW00S-Backled-SLD	BAIWEN
MHOOEMAIN-PCB V1. 0	