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Name	Specification	Qty	Remarks	Supplier Code	Supplier
Base band processor chip MT6575	ARM1176 MCU 520MHz Saturn DSP core, support GSM, GPRS, EDGE, UMTS,multimedia;	1	D501	MT6575	MTK
Power managing chip	Booster; ;Li-ion battery charging fuction;Vcore and Vproc with DVFS control	1	D601	MT6329	MTK
3G/2G RF receive & dispatch chip	X)3G:3GPP HSDPA/HSUPA Release 6;	1	U301	MT6162	MTK
GPS+WLAN+BT+FM four in one chip	802.11b/g/n;BT:Bluetooth 2.1(EDR);FM:TRANSMITTER AND RECEIVER;	1	U1105	MT6620P	MTK
eMMC+LPDDR2flash	4GBeMMC+4Gb LPDDR2	1	D602	H9TP32A4GDMCPR//KMNJS000ZM-B205	HYNIX//SAMSUNG
UMTS B1 amplifier module	Gain:27dB;working valtage:3.3v	1	U404	RF7241TR7	RFMD
RF amplifier	Efficiency: GSM850/EGSM900=39% TYP, DCS1800/PCS1900=38% TYP.	1	U401	RF3233TR13	RFMD
Gyroscope	dps, I2C/SPI port;supplying power:2.4-3.6V, compatibale1.8V IO port valtage;	1	D1002	L3G4200DTR	ST
Geomagnetic sensor	Compass function, I2C universal serial bus, supply 2.6V, I2C support 1.8V level, Measuring range >±4000 uT	1	D1004	AK8962C//MMC328xMA	AKM//MEMMIC
TVS(transient voltage tri-axis accelerometer	2/TR 12bit(2/4/8/16g);1mg/LSB(2g);2/4/8/16g;	1	FV707	ESD5V3U1U-02LRH//RSAC6.8CST2RA//ZIESD9X5VU-2/TR	INFINEON//ROHM//ZTE integrated
Schottky diode	I <sub>o</sub> :1.0A; VRRM:30V; VF:0.47V@1.0A;IR:200uA	1	D1001	MMA8452QR1//LIS3DHTR	Freescale//ST
voltage-regulator diode	V <sub>z</sub> :5.1V±2%@4.5mA; PD:100mW; VF:0.9@I <sub>f</sub> =10mA	1	VD901	MSS1P3-M3/89A//PD3S130H-7//RB550VA-30TR	VISHAY//DIODES//ROHM
SMT flash	IF:1000mA; IV:39-701m ; VF:2.95-3.75V	1	VD704	EDZVT2R5.1B//MM5Z5V1S1T1G	ROHM//ON
26M temperature compensated voltage controlled oscillators	IF:1000mA; IV:39-701m ; VF:2.95-3.75V	1	LED901	EHP-C04/UT01-P01/TR	Yiguang
PNP switching transistor	26MHz Rated temperature characteristic : ±0.5ppm (-30° C~85° C) ; Frequency stability temperature change: ±0.05ppm/° C (-20°	1	U1107	IT2200A-57//7L26002009//1XXB26000CTD	RAKON//TXC/KDS
N line MOS pipe	hFE:30-475; fT:180MHz	1	U601	CJ10P20DE6//MBT35200MT1G(lead free)//ZX10P20DE6TA(lead free)	Changdian//ON//DIODES
GPS LNA(low noise amplifier)	30V 100mA Ron<7Ω	1	U602	2SK3019//LSK3019FP8TL//SSM3K15FS(TE85L, F)	ROHM//ROHM//TOSHIBA
single-pole double-throw (SPDT)	1.6v-3.3v	1	U1101	BGU7005//MAX2659ELT+T	NXP//MAXIM
SMT ordinary crystal resonator	isolation:25dB Typ ;SWR:1.2	1	U1102	AS179-92LF//K112//PE4259-52	SKYWORKS//ND//PEREGRINE
SMD VC-TCXO	32.768kHzFrequency difference:±20PPM;working temperature:-40~85°C; Equivalent series resistance:65KΩ MAX;CL:12.5pF;vibration mode:ATCut/base frequency;driving power:luWmax;aging rate:±	1	G501	MC-146 32.768000KHZ 12.5 +20.0-20.0(F)//MS3V-T1R 32.768KHz 12.5pf 20ppm//SSP-T7-F, 32.768KHz-12.5pF, ±20PPm	Epson Toyocom//MICRO CRYSTAL//SII
1575.42MHz GPS receiving	26MHZ, Characteristic :±2.5ppm;outputting wave:HCMOS;working power:2.8V±5%; Control Voltage Range:0.5~2.5;working temperature range:-30~75°C;/:aging characteristic:1ppm/year;phase noise:/;overall size:	1	U302	1XTV26000AAD//KT3225P26000DCV28BNO//TKL3126A 26MHz//TN4-21703, TC0-5871Z//TOH2600DP14KRH	KDS//KYOCERA//NDK//Epson Toyocom//INZI
Band 1 Difference receive Acoustic table duplexers	1576.42MHz;IL:0.9dB;VSWR(Input):1.1;VSWR(Output):1.1;Input Impedance: 50ohm;Output Impedance:50ohm,	1	U1106	856561//FAR-F6KA-1G5754-L4AA-Z//SAFEB1G57KE0F00	TRIQUINT//TAIYO//MURATA
N line MOS pipe	Working frequency: 1920~1980/2110~2170, insertion loss: receiving branch 2.3dB, emission branch1.7dB; isolation: 50dB	1	U306	B39212B7696M810//SAYFP1G95CA0B00	EPCOS//MURATA
Schottky diode	1.5V;Vsd:1.2V;	1	VT901	RTR020N05	ROHM
SMD red&green light-emitting	I <sub>o</sub> :0.5A; VRRM:30V; VF:0.45V@0.45A;IR:100uA	1	VD601	B0530WS-7-F//RB551VM-30TE-17	DIODES//ROHM
	40/5.6~35mcd; VF:1.9~2.5V/2~2.8V	1	VD801	19-223-R7G6C-A01-2T//LTST-C195KGJRK1//SML-521MUWT86	Yiguang//Guangbao//ROHM

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Band 2+3 Rx dual SAW(50/150) (single&dual SAW PIN compatiable )	loss<3.0db, ripple deviation: 1.5db max, VSWR: 2.3max. 2.Center frequency: 1960Mhz, insertion loss<3.0db, ripple deviation:	1	U308	B39202B9513L310//FAR-G6KT-1G9600-Y4RY//SAWEN1G84CWOF00R14//SF18-1960DASBA1	EPCOS//TAIYO//MURATA//KYOCERA
Band-pass filter(WIFI/BT)	Loss: 1.6dB; impedance: 50ohm; VSWR: 1.92, Maximum imputing power: 27dBm; Filter Out Band Attenuation: (see Datasheet)	1	U1109	BF2012-L2R4NDA//RFBPF2012080AMOT62//LTB-2012-2G4H6-D14	ACX//ASC//MAG. LAYERS

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Band 5+8 Rx dual SAW(50/150) (single&dual SAW PIN compatible )	loss<2.5db, ripple deviation: 1.5db max, VSWR: 2.0 max. 2. Center frequency: 942.5Mhz, insertion loss<3.2db, ripple	1	U310	B39941B9512P810//FAR-G5KT-942M50-Y4RZ//SAWEN881MCOF00//SF18-0942GASBA1	EPCOS//TAYO//MURATA//KYOCERA
RF connector	500M $\Omega$ ; characteristic impedance:50 $\Omega$ ;withstand voltage:200V.	1	J402	818000157	Dianlian
1.2h simplified style sim socket	Rated valtage:15V;rated current:1A;contact resistance:Maximum 100m $\Omega$ ;insulation resistance: minimum 1000 K $\Omega$	2	XJ707, XJ708	C70710M0061482//SIMF006G5K24-10R	
25 core FPC connector	$\Omega$ , insulation resistance minimum 50M $\Omega$ , double contact	2	XJ801, XJ902	PF030-025B-C10-H	UJU
13 core FPC connector	Voltage:30V;rated current:0.2A;contact resistance:50m $\Omega$ ;insulation resistance100M $\Omega$	2	XJ901, XJ1002	FH26-13S-0.3SHW(05)//PF030-013B-C10-H	UJU//UJU
30 Core board plate connector socket	Rated valtage:0.25A/pin;contact resistance:Max.100 m $\Omega$ ;insulation resistance: Minimum 1000 M $\Omega$	1	XJ905	AXE530124	NAIS
1.90H super slim battery connector	connector, Height:1.90mm, Pitch:3.0mm, Voltage rating:250V, Current	1	XJ703	PAN30-03193-S118	LCN
1.7H TF header	T FLASH Header, 9pin, height:1.70mm, Operation life:5000 cycles, Contact resistance:50m $\Omega$	1	XJ706	TFS23-9K23000	Xingqin
Sinkin plate3.5 headphone jack (big radian)	Rated valtage:1A;contact resistance:Max 50m $\Omega$ ;insulation resistance: minimum	1	XJ705	PJES-053-1-G-BLK	Lifeng
1.2 Handle side key switch	Contact resistance<100 m ohm, insulation resistance>100m ohm, switching time<20mS, Overall size4.5*3.5*2.15mm, applied force1.57N	1	KSW801	LS10N2-T	CITIZEN
SMT camera module	format:Vcc:2.5-3.3V;Vio:1.7-3.3V;	1	XJ904	OVM7690-MDS//OVM7690-RYAA-LB	Sunrise//Weigao//Laimu
RF testing base(hole)	$\geq$ 20dB,	1	J403	818000001//MM8430-2610RB3//MRF002G3K00-01R//C90-101-0004	dianlian//MURATA//EWPT//SPEEDTE
P725A contact spring	1.5mm*3.2mm. full plating, plating thickness: ni-plaing 2~3um, electrogilding0.2~0.3um;	4	ANT1101-ANT1104	ZXM10.179JA-01/03 V1.0	Changying/Dianlian
radio frequency coaxial connector	Frequency range:DC to 11GHz; standing wave ratio:1.2 max. (DC to 3GHz), 1.3 max. (3GHz to 6GHz), 1.5max. (6GHz to 11GHz); shortagedamage:0.1dBmax. (DC to 3GHz), 0.2dBmax. (3GHz to 6GHz), 0.5dBmax. (6GHz to 11GHz);isolation:20dBmin. (DC to	2	J1101, J1102	MM8030-2600RKO//PICO II//818000291	MURATA//AMP//ECT
SMD resistor	type:0402	1	R303	232270672214L//RC-02W2213FTL//WR04X2213FTL//RTT022213FTH	PHYCOMP//Fenghua//Walsin//RALEC
SMD resistor	power:1/16W;resistivity:1K $\Omega$ ;accuracy of resistivity: $\pm$ 1%; encapsulation type:0402	2	R504, R715	232270671002L//MCR01-MZS-F-1001//RC-02W102FTL//WR04X1001FTL//RTT021001FTH	PHYCOMP//ROHM//Fenghua//Walsin//RALEC
SMD resistor	power:1/16W;resistivity:0 $\Omega$ ;accuracy of resistivity: $\pm$ 5%; encapsulation type:0402	25	L373, R487, R505, R513, R514, R516, R517, R522, R553, R672, R817, R823, R901, R905, R912, R914, R1106, R1129, R1132, R1141, R1169, R1171, R1212, C1102, C452	232270591001L//RC-02000JT//RK73Z1ETTP//WR04X000 PTL//RTT02000JTH	PHYCOMP//Fenghua//KOA//Walsin//RALEC
SMD resistor	type:0402	2	R301, R616	232270673903L//RC-02W393FTL//WR04X3902FTL//RTT023902FTH	PHYCOMP//Fenghua//Walsin//RALEC
SMD resistor	power:1/16W;resistivity:330K $\Omega$ ;accuracy of resistivity: $\pm$ 1%; encapsulation type:0402	1	R615	232270673304L//RC-02W334FTL//RC0402FR-07330KL//WR04X3303FTL//RTT023303FTH	PHYCOMP//Fenghua//YAGEO//Walsin//RALEC
SMD resistor	type:0402	1	R1017	232270570229L//RC-02W220JT//WR04X220 JTL//RTT02220JTH	PHYCOMP//Fenghua//Walsin//RALEC
SMD resistor	type:0603	1	R714	232270465628L//RS-03L5R62FTL//WR06W5R62FTL//RTT035R62FTP	PHYCOMP//Fenghua//Walsin//RALEC
SMD resistor	power:1/10W;resistivity:0 $\Omega$ +50m $\Omega$ 0%; encapsulation type:0603	1	R1215	232270296001L//ERJ-3GEY0R00V//RC-03000JT//RS-03000JT//RTT03000JTP	PHYCOMP//PANASONIC//Fenghua//Walsin//RALEC
SMD resistor	type:1206	1	R618	RL1206FR-070R2L//RS-06MR20FT//SR732BTDR200F//RTT06R200FTP	PHYCOMP//Fenghua//KOA//RALEC

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SMD resistor	power:1/20W;resistivity:4.7KΩ;accuracy of resistivity:±5%;encapsulation type:0201	6	R501, R502, R507, R508, R511, R512	ERJ1GEJ472C//RC-01W472JT//RC0201JR-074K7L//WR02X472 JAL//RTT01472JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	type:0402	2	R662, R663	RTT022430FTH//RC0402FR-07243RL//0402WGF2430TCE	Wangquan//Guoju//Housheng
SMD resistor	type:0402	1	R903	RTT023833FTH//RC0402FR-07383KL//0402WGF3833TCE	Wangquan//Guoju//Housheng
SMD resistor	type:0402	1	R767	232270674704L//RC-02W474FT//WR04X4703FTL//RTT024703FTH	PHYCOMP//Fenghua//Walsin//RALEC
SMD resistor	type:0402	1	R766	232270570473L//RC-02W473JT//RC0402JR-0747KL//RK73B1ETTP473J//RTT02473JTH	PHYCOMP//Fenghua//Walsin//Wangquan
SMD resistor	type:0603	1	R902	RTT03R300FTP//RL0603FR-070R3L//0603WAF0R30T5E	Wangquan//Guoju//Housheng

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SMD resistor	power:1/10W;resistivity:15Ω;accuracy of resistivity:±1%; encapsulation type:0603	1	R907	232270461509L//RC-03K150FT//RS-03K150FT//WRO6X15R0FTL//RTT0315R0FTP	PHYCOMP//Fenghua//Fenghua //Walsin//RALEC
SMD resistor	encapsulation type:0805	1	R727	RS-05MR02FT//UCR10EVHFSR020//WW08XR020FTL//RTT05R020FTP	Fenghua//ROHM//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:51KΩ;accuracy of resistivity:±5%; encapsulation type:0201	2	R526, R527	ERJ1GEJ513C//RC-01W513JT//RC0201JR-0751KL//WRO2X513 JAL//RTT01513JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:51Ω;accuracy of resistivity:±5%; encapsulation type:0201	1	R451	ERJ1GEJ510C//RC-01W510JT//RC0201JR-0751RL//WRO2X510 JAL//RTT01510JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:3.3KΩ;accuracy of resistivity:±5%; encapsulation type:0201	1	R617	ERJ1GEJ332C//RC-01W332JT//RC0201JR-073K3L//WRO2X332 JAL//RTT01332JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:12KΩ;accuracy of resistivity:±1%; encapsulation type:0201	1	R906	ERJ1GEF1202C//RC-01W123FT//RC0201FR-0712KL//RK73H1HTTC1202F//WRO2X1202FAL//RTT011202FTH	PANASONIC//Fenghua //YAGEO//KOA//Walsin//RALEC
SMD resistor	0201	1	R530	RC-01W1004FT//RC0201FR-071ML//RK73H1HTTC 1004F//WRO2X1004FAL//RTT011004FTH	//YAGEO//KOA//Walsin//RALEC
SMD resistor	encapsulation type:0201	7	R401, R740, R743, R750, R752, R753, R763	RC-01W1002FT//RC0201FR-0710KL//RK73H1HTTC 1002F//WRO2X1002FAL//RTT011002FTH	//YAGEO//KOA//Walsin//RALEC
SMT negative temperature coefficient thermistor	Accuracy of resistivity:1%;B:4250;withstand current:0.1mA; encapsulation size:0402	1	R302	NCP15WF104F03RC//TSM0B104F4251RZ	MURATA//THINKING
SMD resistor	power:1/20W;resistivity:0Ω;accuracy of resistivity:±5%; encapsulation type:0201	40	R313, R405, R409, R445, C467, C477, R486, R503, R531, R602, R732, R734, R741, R742, R751, R762, R830, R831, R832, R852, R853, R855, R904, R911, R913, R1007, R1123, R1144, R1149, R1172, R1173, R1232, R1235, L1140, R1162, R550, R481, R468, C372, R1015	ERJ1GEOR00C//RC-01000JT//RC0201JR-070RL//WRO2X000 PAL//RTT01000JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	type:0402	2	R586, R587	RTT021003FTH//RC0402FR-07100KL//0402WGF1003TCE	Wangquan//Guoju//Housheng
SMD resistor	power:1/20W;resistivity:10KΩ;accuracy of resistivity:±5%; encapsulation type:0201	2	R652, R1016	ERJ1GEJ103C//RC-01W103JT//RC0201JR-0710KL//RC0603J103CS//WRO2X103 JAL//RTT01103JTH	//YAGEO//SAMSUNG//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:36Ω;accuracy of resistivity:±5%; encapsulation type:0201	1	R484	ERJ1GEJ360C//RC-01W360JT//RC0201JR-0736RL//WRO2X360 JAL//RTT01360JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:1000Ω;accuracy of resistivity:±5%;encapsulation type:0201	8	R420, R421, R422, R423, R603, R604, R725, R814	ERJ1GEJ102C//RC-01W102JT//RC0201JR-071KL//WRO2X102 JAL//RTT01102JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
SMD resistor	type:0201	1	R815,	RC-01W1621FT//RC0201FR-071K62L//RK73H1HTTC1621F//WRO2X1621FAL//RTT011621FTH	//YAGEO//KOA//Walsin//RALEC
SMD resistor	type:0201	2	R403, R735	RC-01W243FT//RC0201FR-0724KL//RK73H1HTTC2402F//WRO2X2402FAL//RTT012402FTH	//YAGEO//KOA//Walsin//RALEC
SMD resistor	type:0201	2	R483, R485	RC-01W27R4FT//RC0201FR-0727R4L//WRO2X27R4FAL//RTT0127R4FTH	Fenghua//YAGEO//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:5.1KΩ;accuracy of resistivity:±1%; encapsulation type:0201	1	R506	ERJ1GEF5101C//RC-01W512FT//RC0201FR-075K1L//RK73H1HTTC5101F//RTT015101FTH	PANASONIC//Fenghua //YAGEO//KOA//RALEC
SMD resistor	power:1/20W;resistivity:33Ω;accuracy of resistivity:±1%;encapsulation type:0201	2	R807, R808	ERJ1GEF33R0C//RC-01W330FT//RC0201FR-0733RL//RC0603F330CS//RK73H1HTTC33R0F//WRO2X33R0FAL//RTT0133R0FTH	PANASONIC//Fenghua //YAGEO//SAMSUNG//KOA//Walsin//RALEC
SMD resistor	power:1/20W;resistivity:47KΩ;accuracy of resistivity:±5%; encapsulation type:0201	9	R653-R660, R1018	ERJ1GEJ473C//RC-01W473JT//RC0201JR-0747KL//WRO2X473 JAL//RTT01473JTH	PANASONIC//Fenghua //YAGEO//Walsin//RALEC
Pressure sensitive SMD resistor	Pressure-sensitive vantage:12V;vantage error:±2V;maximum vantage:5.5VDC;maximum peak:15A	13	FV601, FV702, FV708, FV709, FV710, FV806, FV807, FV808, FV813, FV814, FV815, FV822, FV829	AVLC 5S 02 100//ICVL0505101V150FR//SDV10055R5C700NPTF//VRS0402SR55R101N	AMOTECH//INNOCHIPS//sunlord//YAGEO
tantalum capacitor	Rated vantage:6.3V;capacitance:47uF;overall size: P(0805)	3	C419, C714, GB501	TCTPOJ476M8R-02//TLJP476M006R2500	ROHM//AVX
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand vantage:6.3V;capacitance:1uF;accuracy of capacitance:±10%;overall size:0402	69	C513, C514, C515, C516, C518, C521, C539, C542, C606, C609, C616, C617, C618, C619, C620, C621, C622, C631, C632, C637, C662, C667, C741, C746, C756, C801, C802, C818, C819, C828, C834, C901, C906, C1016, C924, C578, C306, C307, C308, C309, C310, C311, C312, C711, C1149, C1150, C1155, C1166, C1210, C1211, C1216, C1218, C1222, C1223, C1224, C1226, C1228, C1230, C1012, C665	0402X105K6R3CT//C1005X5R0J105KT//CC0402KRX5R5BB105//CL05A105KQ5NNNC//CL05A105KQ5NNXC//GRM155R60J105KE19//JMK105BJ105KV-F//CO402X5R105K6R3NT//C1005X5R105KCT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//MURATA//TAIYO//EYANG//DARFON

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ceramic chip SMT capacitors	Temperature characteristic:NPO;withstand voltage:50V;capacitance:12pF;accuracy of capacitance:±5%;overall size:0402	1	R425	0402N120J500CT//C1005C0G1H120JT//CC0402JRNPO9BN120//CL05C120JB5NNNC//CL05C120JB5NNXC//GRM1555C1H120J//UMK105CG120JV-F//CO402C0G120J500NY//C1005NP0120JGT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//MURATA//TAIYO//EYANG//DARFON
0402 ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:2.2uF;accuracy of capacitance:±20%;overall size:0402	21	C1009, C1168, C1170, C1221, C1227, C1229, , C629, C601, C641, C919, C638, C675, C676, C502, C543, C566, C927, C929, C931, C529, C433	0402X225M6R3CT//C1005X5R0J225MT//CC0402MRX5R5BB225//CL05A225MQ5NNNC//CL05A225MQ5NNXC//CV05X5R225M06AH//GRM155R6J225ME15D//JMK105BJ225MV-F//CO402X5R225M6R3NT//C1005X5R225MCT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X7R;withstand voltage:16V;capacitance:0.1uF;accuracy of capacitance:±10%;overall size:0402	1	C418	0402B104K160NT//C1005X7R1C104KT//CC0402KRX7R7BB104//CL05B104K05NNNC//CL05B104K05NNXC//EMK105B7104KV-F//GRM155R71C104KA88D//CO402X7R104K160NY//C1005X7R104KET	Fenghua //TDK//YAGEO//SAMSUNG//SAMSUNG//TAIYO//MURATA//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:4.7uF;accuracy of capacitance:±20%;overall size:0402	9	C450, C503, C613-C615, C625-C627, C630	C1005X5R0J475M//CL05A475MQ5NNRC//CL05A475MQ5NNXC//CV05X5R475M06AH065//GRM155R60J475ME87D//JDK105BJ475MV-F//CO402X5R475M6R3NT//C1005X5R475MCT	TDK//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:4.7uF;accuracy of capacitance:±10%;overall size:0603	5	C1214, C1219, C1225, C639, C669	0603X475K6R3CT//C1608X5R0J475KT//CC0603KRX5R5BB475//CL10A475K8NNNC//CL10A475K8NNXC//CV105X5R475K06AT//GRM188B30J475KE18//JMK107BJ475KA-T//C0603X5R475K6R3NT//C1608X5R475KCT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:10uF;accuracy of capacitance:±20%;overall size:0603	5	C839, C933, C1001, C1007, C1017	06M06AT//GRM188R60J106ME47D//JMK107BJ106MA-T//C0603X5R106M6R3NT//C1608X5R106MCT	VX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:16V;capacitance:2.2uF;accuracy of capacitance:±10%;overall size:0603	1	C859	0603YD225K2A//C0603C225K4PAC//C1608X5R1C225KT//CL10A225K08NNNC//CL10A225K08NNXC//EMK107BJ225KA-T//GRM188R61C225KE15//C0603X5R225K160NT//C1608X5R225KET	UNG//TAIYO//MURATA//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:25V;capacitance:1uF;accuracy of capacitance:10%; overall size:0603	1	C640	C1608X5R1E105KT//GRM188R61E105KA12D//TMK107BJ105KA-T//C0603X5R105K250NT//C1608X5R105KFT	TDK//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:22uF;accuracy of capacitance:±20%;overall size:0805	2	C561, C612	0805X226M6R3CT//C2012X5R0J226M//CC0805MKX5R5BB226//CL21A226MQNNNE//CL21A226MQNNNE//CV21X5R226M06AT//GRM21BR60J226M//JMK212BJ226M//C0805X5R226M6R3NT//C2012X5R226MCP	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:8pF;accuracy of capacitance:±0.5pF;overall size:0201	2	C1163, C1164	0201N8R0D250LT//C0603C0G1E080DT//CC0201DRNP09BN8R0//CM03CG8R0D50AH//GRM0335C1H8R0DD01D//TMK063CG808DT-F//C0201COG8R0D250NT//C0603NP0809DFT	Walsin//TDK//YAGEO//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:10pF;accuracy of capacitance:±5%;overall size:0201	12	C362, C364, C373, C378, C1126, C1134-C1136, C1151, C1157, C345, C346	0201N100J250LT//C0603C0G1E100DT//CC0201JRNPO9BN100//CL03C100JA3GNXC//CM03CG100J25AH//GRM0335C1E100JD01D//TMK063CG100DT-F//C0201COG100J250NT//C0603NP100JFT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:2.2pF;accuracy of capacitance:±0.25pF;overall size:0201	2	C349, C350	02013J2R2CBSTR//0201N2R2C250LT//C0603C0G1E2R2CT//CC0201CRNP09BN2R2//CL03C2R2CA3GNXC//CL03C2R2CA3GNXC//GRM0335C1E2R2BD01D//TMK063CG2R2CPGF//C0201COG2R2C250NT//C0603NP0229CFT	AVX//Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:18pF;accuracy of capacitance:±5%;overall size:0201	9	C357, C358, C367, C408, C443, C1160-C1162, L436	0201N180J250LT//C0603C0G1E180JT//CC0201JRNPO9BN180//CL03C180JA3GNXC//CL03C180JA3GNXC//CM03CG180J25AH//GRM0335C1E180JD01D//TMK063CG180JT-F//C0201COG180J250NT//C0603NP0180JFT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG; withstand voltage:25V;capacitance:33pF;accuracy of capacitance:±5%;overall size:0201	34	, C757, C805, C806, C808, C809, C810, C812, C813, C820, C821, C826, C827, C829, C836, C837, C838, C865, C1139, C1159, C743, C744, C745, C753, C754, C755	0201N330J250LT//C0603C0G1E330JT//CC0201JRNPO8BN330//CL03C330JA3ANNXC//CM03CG330J25AH//GRM0335C1E330JD01D//TMK063CG330JT-F//C0201COG330J250NT//C0603NP0330JFT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG; withstand voltage:25V; capacitance:15PF;accuracy of capacitance:±5%;overall size:0201	1	C1199	0201N150J250LT//C0603C0G1E150JT//CC0201JRNPO9BN150//CL03C150JA3GNXC//CL03C150JA3GNXC//CM03CG150J25AH//GRM0335C1E150JD01D//TMK063CG150JT-F//C0201COG150J250NT//C0603NP0150JFT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic :COG; withstand voltage:25V;capacitance:6pF;accuracy of capacitance:±0.5pF;overall size:0201	1	C416	0201N6R0D250LT//C0603C0G1E060DT//CC0201DRNP09BN6R0//CM03CG6R0C25AH//GRM0335C1H6R0DD01D//TMK063CG060DPGF//C0201COG6R0D250NT//C0603NP0609DFT	Walsin//TDK//YAGEO//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic :COG; withstand voltage:50V;capacitance:100pF;accuracy of capacitance:±5%;overall size:0402	1	C923	0402N101J500CT//C1005C0G1H101JT//CC0402JRNPO9BN101//CL05C101JB5NNNC//CL05C101JB5NNXC//GRM1555C1H101J//UMK105CG101JV-F//CO402C0G101J500NY//C1005NP0101JGT	Walsin//TDK//YAGEO//SAMSUNG//SAMSUNG//MURATA//TAIYO//EYANG//DARFON

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ceramic chip SMT capacitors	10%;overall size:0603	1	C935	GRM188R61H105K//UMK107BJ105KA-T//C0603X5R105K500NT//C1608X5R105KGT	MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Voltage:6.3V;capacitance:22uF;accuracy of voltage:±20%;overall size:0805	6	C547, C551, C558, C562, C611, C550	C2012X5R0J226M 0.85//GRM219R60J226ME47D//JMK212BJ226MD-T//C0805X5R226M6R3NPW//C2012X5R226MCP	TDK//MURATA//TAIYO//EYANG//DARFON

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ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:56pF;accuracy of capacitance:±5%;overall size:0201	2	C363, C404	0201N560J250LT//C0603C0G1E560JT//CC0201JRNPO8BN560//CL03C560JA3ANNC//CL03C560JA3ANXC//CM03CG560J25AH//GRM0335C1E560JD01D//TMK063 CG560JT-F//CO201C0G560J250NT//C0603NP0560JFT	Walsin//TDK//YAGEO//SAMSUNG//AMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:10V;capacitance:0.47uF;accuracy of capacitance:±10%;overall size:0402	1	C1005	C1005X5R1A474KT//CO402KRX5R6BB474//CL05A474KP5NNNC//CL05A474KP5NNXC//GRM155R61A474KE15D//LMK105BJ474KV-F//CO402X5R474K100NY//C1005X5R474KDT	TDK//YAGEO//SAMSUNG//SAMSUNG//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:22pF;accuracy of capacitance:±5%;overall size:0201	13	C412-C415, C417, C523, C524, C907, C940-C942, C1111, C1177,	0201N220J250LT//C0603C0G1E220JT//CC0201JRNPO9BN220//CL03C220JA3ANNC//CL03C220JA3ANXC//CM03CG220J50AH//GRM0335C1H220JD01D//TMK063CG220JT-F//CO201C0G220J250NT//C0603NP0220JFT	Walsin//TDK//YAGEO//SAMSUNG//AMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V;capacitance:100pF;accuracy of capacitance:±5%;overall size:0201	10	C490, C491, C492, C807, C811, C814, C817, C825, C835, C846	0201N101J250LT//C0603C0G1E101JT//CC0201JRNPO8BN101//CL03C101JA3ANNC//CL03C101JA3ANXC//CM03CG101J25AH//GRM0335C1E101JD01D//TMK063 CG101JT-F//CO201C0G101J250NT//C0603NP0101JFT	Walsin//TDK//YAGEO//SAMSUNG//AMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X7R;withstand voltage:10V;capacitance:0.01uF;accuracy of capacitance:±10%;overall size:0201	2	C316, C1006	0201B103K100CT//C0603X7R1A103KT//CO201KRX7R6BB103//CM03X7R103K10AH//GRM033R71A103KA01D//CO201X7R103K100NT//C0603X7R103KDT	Walsin//TDK//YAGEO//AVX//MURATA//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X7R;withstand voltage:25V;capacitance:1000pF;accuracy of capacitance:±10%;overall size:0201	4	C321, C322, C628, C1165	0201B102K250CT//CC0201KRX7R8BB102//CM03X7R102K25AH//GRM033R71E102KA01D//TMK063B7102KP-F//CO201X7R102K250NT//C0603X7R102KFT	Walsin//YAGEO//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X5R;withstand voltage:6.3V;capacitance:0.1uF;accuracy of capacitance:±10%;overall size:0201	72	C528, C530, C531, C532, C533, C534, C535, C536, C537, C538, C540, C541, C544, C545, C548, C549, C553, C554, C555, C556, C559, C560, C565, C567, C568, C604, C605, C635, C668, C664, C671, C672, C673, C674, C715, C855, C915, C920, C925, C926, C928, C930, C1002, C1003, C1010, C1011, C1124, C1125, C1127, C1128, C1130, C1131, C1133, C1208, C1209, C1213, C1217, C576, C577, C1004, C1008, C1013, C1014	0201X104K6R3CT//C0603X5R0J104KT//CC0201KRX5R5BB104//CL03A104KQ3NNNC//CL03A104KQ3NNXC//CM03X5R104K06AH//GRM033R60J104KE19D//JMK063BJ104KP-F//CO201X5R104K6R3NT//C0603X5R104KCT	Walsin//TDK//YAGEO//SAMSUNG//AMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:X7R;withstand voltage:25V;capacitance:220pF;accuracy of capacitance:±10%;overall size:0201	2	C402, C448	0201B221K250CT//C0603X7R1E221KT//CC0201KRX7R9BB221//CM03X7R221K25AH//GRM033R71E221KA01D//TMK063B7221KP-F//CO201X7R221K250NT//C0603X7R221KFT	Walsin//TDK//YAGEO//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG; withstand voltage:25V; Capacitance:39pF; accuracy of Capacitance:±5%;overall size:0201	1	C499	0201N390J250LT//C0603C0G1E390JT//CC0201JRNPO8BN390//CL03C390JA3ANNC//CL03C390JA3ANXC//CM03CG390J25AH//GRM0335C1H390JD01D//TMK063CG390JT-F//CO201C0G390J250NT//C0603NP0390JFT	Walsin//TDK//YAGEO//SAMSUNG//AMSUNG//AVX//MURATA//TAIYO//EYANG//DARFON
ceramic chip SMT capacitors	Temperature characteristic:COG;withstand voltage:25V; Capacitance:6.8pF;accuracy of Capacitance:±0.5pF; overall size:0201	2	C337, C338	02013K6R8CBSTR//0201N6R8D250LT//C0603C0G1E6R8DT//CC0201DRNP09BN6R8//GRM0335C1E6R8DD01D//TMK063 CG6R8DPGF//CO201C0G6R8D250NT//C0603NP0689DFT	AVX//Walsin//TDK//YAGEO//MURATA//TAIYO//EYANG//DARFON
Chip inductance	Element:8min(100MHz 10mA);natural frequency of vibration:2800Hzmin;rated current:250mAmax;DC resistance:0.42Ω max;	1	C424	HK1005 10NJ-T//LQG15HS10NJ02D//SDCL1005C10NJTDF//VHF100505H10NJT//CLH1005T-10NJ-S//HI100510NJT1S	TAIYO//MURATA//sunlord//Fenghua//chilisin//DARFON
Power inductance	Current 0.5A;ovrall size 3*3*1.2	1	L901	VLS3012T-220MR49//NRH3012T220MN//LQH3NP220MGOL	TDK//TAIYO//MURATA
Ferrite Chip Bead	current:150mA;DC resistance:0.09Ω MAX;	5	L601, L612, L613, L805, L806	BLM18PG181SN1//PZ1608U181-1R5TF//CBW160808U181T//BKP1608HS181	MURATA//sunlord//Fenghua//TAIYO
Ferrite Chip Bead	current:150mA;DC resistance:0.5Ω MAX;	5	L907-L910, L915	GZ1005D121TF//BK1005HS121-T//CBG100505U121T//BLM15AG121SN1D	sunlord//TAIYO//Fenghua//MURATA
Ferrite Chip Bead	impedance1.5KΩ (100MHz;0.1v);accuracy of impedance:±25%,rated current100mA;ovrall size 0402, impedance 1.5KΩ (1GHz;0.1v)	3	L501-L503	MMZ1005A152ET//BLM15HD182SN1D//HZ1005K152TF	TDK//MURATA//sunlord
Ferrite Chip Bead	Ω; 0402	13	L703-L707, L801-L804, L807, L808, L815, L816	MMZ1005S102C//BK1005HS102-T//BLM15AG102SN1	TDK//TAIYO//MURATA
Chip inductance	Element:4min(100MHz 50mA);natural frequency of vibration:1500Hzmin;rated current:100mAmax;DC resistance:2.9Ω max;	2	L359, L1152	HK0603 27NJ//MLG0603S27NJ//LLV0603-FH27NJ//LQP03TN27NJ00D//HI060327NJ1S//SDCL0603Q27NJT02	TAIYO//TDK//TOKO//MURATA//DARFON//SUNLORD
Chip inductance	Element:13min(500MHz 10mA);natural frequency of vibration:4500Hzmin;rated current:150mAmax;DC resistance:0.6Ω max;	1	L339	CIH03Q4N7SNC//CML0306-4N7-H-NH//HK0603 4N7S-T//LQP03TN4N7J00D//MLG0603S4N7ST//HI06034N7S1S//SDCL0603Q4N7ST02	SAMSUNG//CYNTEC//TAIYO//MURATA//TDK//DARFON//SUNLORD



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Chip inductance	Element:5min(100MHz 10mA);natural frequency of vibration:3500MHzmin;rated current:130mAmax;DC resistance:0.7Ωmax;	1	L351	CML0306-6N8-J-NH//LQP03TN6N8J00D//HK06036N8J-T//CIH03Q6N8JNC//MLG0603Q6N8JT//HI06036N8JT1S//MSDCL0603C6N8JTDF	CYNTEC//MURATA//TAIYO//SAMSUNG//TDK//DARFON//SUNLORD
Chip inductance	Element:5min(100MHz 10mA);natural frequency of vibration:1700MHzmin;rated current:70mAmax;DC resistance:2.55Ωmax;	1	L355	CML0306-22N-J-NH//HK0603 22NJ//LLV0603-FH22NJ//LQP03TN22NJ00D//MLG0603S22NJT//HI060322NJ1S	CYNTEC//TAIYO//TOKO//MURATA//TDK//DARFON

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0201 SMT Inductor 3.6nH	3.6nH±0.1nH(MURATA:500MHZ, TDK100MHZ); Q:MURATA 13min(500MHz), TDK (100MHZ); SRF:MURATA 6000MHz TDK 5.5GHz Min; Rdc:MURATA0.45Ω TDK 0.35Ω Max; Rated Current: MURATA 170mAmax TDK 300mAmax;3.6nH	1	L365	CML0306-3N6-B-NH//HKQ0603S3N6C- T//LQP03TN3N6B00D//MLG0603S3N6BT//HI06033N6DT//SDCL0603Q3N6BT02	CYNTEC//TAIYO//MURATA//TDK//DARFON//SUNLORD
Chip- inductance	Element:5min(100MHz 10mA);natural frequency of vibration:4200Hzmin;rated current:140mAmax;DC resistance:0.6Ω max;	1	L347	HK06035N6S-T//LQP03TN5N6J00D//MLG0603Q5N6ST//CML0306-5N6-H- NH//CIH03Q5N6SNC//HI06035N6ST1S//SDCL0603Q5N6ST02	TAIYO//MURATA//TDK//CYNTEC//SAMSUNG//DARFON//SUNLORD
Chip EMI reluctance	current:100mA;DC resistance:1.15Ω ±30%;	3	Z911-Z913	TCM0806G-350-2P-T//TCM0806G-350-2P-T200//ACFT4A2G350E	TDK//TDK//AMOTECH
Chip-inductor	Element:5min(100MHz 10mA);natural frequency of vibration:10GHZmin;rated current:300mAmax;DC resistance:0.12Ω max;	1	C454	HK1005 1N0S-T//LQG15HS1N0S02D//MLK1005S1N0ST//SDCL1005C1N0STDF//HI10051N0ST	TAIYO//MURATA//sunlord//Fenghua //DARFON
Ferrite Chip Bead	Impedance:1000Ω at 100MHz;Accuracy of impedance:+/-25%; rated current:500-600mA; Overall size: 0603 size	1	L701	BLM18HE102SN1//FBMH1608HM102-T//HPZ1608D102-R60TF	MURATA//TAIYO//sunlord
Inductance	Element:6.0(100MHz);rated current:220mA;DC resistor : 0.550hms(max);ovral size:0201	1	C361	HK06036N2S-T//LLV0603-FH6N2S//LQP03TN6N2H04D//MLG0603S6N2//HI06036N2ST	TAIYO//TOKO//MURATA//TDK//DARFON
High Frequency inductance	Element:8min(100MHz 100mA);natural frequency of vibration:600MHzmin;rated current:150mAmax;DC resistance:1.25Ω max;	1	L710	HK1005R10J-T//LQG15HSR10J02//MLG1005SR10JT//HI1005R10JT1S//SDCL1005CR10JTDF	TAIYO//MURATA//TDK//DARFON//SUNLORD
Laminated power inductance	Ω (typ); Dc overlap allow current (saturation current)Idc;>1.3A, Temperature rise allow current:>1.2A, 2520 encapsulation,	5	L614-L616, L618, L1220	CIG22B2R2MLE//KSLI-252010BL-2R2	SAMSUNG//HITACHI
Power Inductor	Inductance:4.7uH;Accuracy of inductance:± 20%;direct current resistance:0.13Ω ±20%;rated current:1A;overall dimension::3*3*1.2mm max	1	L617	LQH3NPN4R7MJ0L//NRH3012T4R7MN	MURATA//TAIYO
K502_SIM shielding case	K502_SIM shielding case	1			
K502D_BB shielding frame	Copper-Nickel-Zinc Alloy, Thickness: 0.2mm, K502D-SHIELDING-FRAME-BB	1			
K502D_BB shielding case	Stainless steel, thickness:0.15mm, K502D- SHIELDING-CASE-BB	1			
K502_RF shielding frame	Copper-Nickel-Zinc Alloy, Thickness:0.2mm, K502-SHIELDING_FRAME_RF	1			
K502_RF shielding case	Stainless steel, thickness:0.15mm, K502- SHIELDING-CASE-RF	1			
K502_WIFI shielding frame	Copper-Nickel-Zinc Alloy, Thickness: 0.2mm, K502_SHIELDING_FRAME_WIFI	1			
K502_WIFI shielding case	Stainless steel, thickness 0.15mm, K502_SHIELDING_CASE_WIFI	1			
K502_MB_PCB	K502_MB_PCB, 8 layer, second layer plate (dual core), Thickness of plating 1.0mm;	1		WMAEb	
K502_PMU Abschirmblech	K502_PMU Abschirmblech, integrated	1			