

Main Board--204000201446

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RD:刘飞翔

N.O	Part Number	Component	Qty	Location	Parameter	Vender PN	Manufacture	Manufacture	Manufacture	
TOP										
1	310000400583	ESD	3	D1,D2,D22	0.38mm,0.4pf , contact±12kv ,	DF2B6.8M1ACT	TOSHIBA	Outsourcing	SS-00259	
	310000400581					ESD9N5BU -2/TR	Willsemi	Outsourcing	SS-00259	
2	312000100317	Inductance	4	L1,L4,L5,L6	2.2uH,20%,2.5mm×2.0mm	1239AS-H-2R2M=P2	Toko	Outsourcing	SS-00259	
	312000100805					LVF252A12-2R2M-N	Chilisin	Outsourcing	SS-00259	
3	315001500015	Reset IC	1	U6	2.63V reset SOT-23	SGM803-RXN3L/TR	SGMICRO	Outsourcing	SS-00259	
4	315000301059	DC/DC	1	U7	IN:2.7-6V,SOT23-8,1A	MP2149GJ-Z	MPS	Outsourcing	SS-00259	
6	315000300514	DC/DC	1	U2	IN:2.5-5.5V,SOT23-5	SY8088AAC	Silergy	Outsourcing	SS-00259	
7	315000301192	DC/DC	1	U3	5.5V, 2A continuous,SOT23-5	SY8089AAC	Silergy	Outsourcing	SS-00259	
8	311000100049	Capacitor	26	C9,C16,C17,C20,C21,C22,C26,C36,C37,C39,C40,C42,C43,C47,C48,C49,C52,C57,C58,C59,C60,C145,C149,C150,C151,C152	0.1uF,±10%,6.3V,0201	GRM033R60J104KE19D	Murata	Outsourcing	SS-00259	
	311000101083					0201X104K6R3CT	Walsin	Outsourcing	SS-00259	
9	311000100017	Capacitor	2	C85,C86	100nF,20%,10V,0201,X5R	GRM033R61A104KE15D	Murara	Outsourcing	SS-00259	
	311000101071					0201X104K100CT	Walsin	Outsourcing	SS-00259	
10	311000300230	Capacitor	8	C2,C3,C7,C14,C18,C24,C46,C144	22u,20%,6.3V,0603	GRM188R60J226MEA0D	Murata	Outsourcing	SS-00259	
	311000300811					JMK107BBJ226MA-T	Taiyo	Outsourcing	SS-00259	
11	311000300805	Capacitor	3	C1,C12,C56	22u,20%,10V,0603	GRM188R61A226ME15D	Murata	Outsourcing	SS-00259	
	311000300899					0603X226M100CT	Walsin	Outsourcing	SS-00259	
12	311000200532	Capacitor	2	C41,C45	10uF,+/-20%,6.3V,0402,X5R	GRM155R60J106ME44D	Murata	Outsourcing	SS-00259	
	311000200533					JMK105CBJ106MV-F	Taiyo	Outsourcing	SS-00259	
13	311000201356	Capacitor	1	C87	10uF,±20%,10V,0402	LDK105CBJ106MVL	Taiyo	Outsourcing	SS-00259	
	311000201586					GRM155R61A106ME11D	Murata	Outsourcing	SS-00259	
14	311000100173	Capacitor	12	C19,C23,C25,C27,C28,C29,C30,C31,C35,C54,C70,C88	1uF,±20%,6.3v,0201	GRM033R60J105MEA2D	Murata	Outsourcing	SS-00259	
	311000100207					JMK063ABJ105MP-F	Taiyo	Outsourcing	SS-00259	
15	311000100192	Capacitor	2	C6,C38	27pF,±5%,25V,0201,C0G	GRM0335C1E270JA01D	Murata	Outsourcing	SS-00259	
	311000101099					0201N270J250CT	Walsin	Outsourcing	SS-00259	
16	311000201235	Capacitor	2	C4,C62	4.7uF,±20%,6.3V,0402	JMK105BBJ475MV-F	Taiyo	Outsourcing	SS-00259	
	311000200483					GRM155R60J475ME87D	Murata	Outsourcing	SS-00259	
17	311000100047	Capacitor	1	C5	10n,±10%,10.0201,X5R	GRM033R61A103KA01D	Murata	Outsourcing	SS-00259	
	311000101093					0201X103K100CT	Walsin	Outsourcing	SS-00259	
18	311000100090	Capacitor	3	C33,C44,C84	1n,±10%,25.0201,X7R	GRM033R71E102KA01D	Murata	Outsourcing	SS-00259	
	311000101040					0201B102K250CT	Walsin	Outsourcing	SS-00259	
19	313000100022	Resistor	1	R40	0R,±1%,0201,1/20W	RM02FTN0	TA-I	Outsourcing	SS-00259	
	313000101392					WR02X000 PAL	walsin	Outsourcing	SS-00259	
20	313000100172	Resistor	3	R26,R42,R43	100k,±1%,0201,1/20	RM02FTN1003	TA-I	Outsourcing	SS-00259	
	313000101354					WR02X1003FAL	walsin	Outsourcing	SS-00259	
21	313000100009	Resistor	3	R28,R31,R37	10K,±5%,0201,1/20W	RM02JTN103	TA-I	Outsourcing	SS-00259	
	313000101389					WR02X103 JAL	walsin	Outsourcing	SS-00259	
22	313000101187	Resistor	2	R3,R44	120K,+/-1%,0201,1/20w	RM02FTN1203	TA-I	Outsourcing	SS-00259	
	313000101489					WR02X1203FAL	walsin	Outsourcing	SS-00259	
23	313000100015	Resistor	1	R2	150K,±1%,0201,1/20W	RM02FTN1503	TA-I	Outsourcing	SS-00259	
	313000101488					WR02X1503FAL	walsin	Outsourcing	SS-00259	
24	313000100258	Resistor	1	R6	182K,1%,0201,1/20W	RM02FTN1823	TA-I	Outsourcing	SS-00259	
	313000101490					WR02X1823FAL	walsin	Outsourcing	SS-00259	

25	313000100168	Resistor	1	R41	1M,±1%,0201, 1/20W	RM02FTN1004	TA-I	Outsourcing	SS-00259
	313000101451					WR02X1004FAL	walsin	Outsourcing	SS-00259
26	313000101028	Resistor	1	R5	22K, 1%, 0201, 1/20w	RM02FTN2202	TA-I	Outsourcing	SS-00259
	313000101422					WR02X2202FAL	walsin	Outsourcing	SS-00259
27	313000101247	Resistor	1	R16	412K, 1%, 0201, 1/20W	RM02FTN4123	TA-I	Outsourcing	SS-00259
	313000101491					WR02X4123FAL	walsin	Outsourcing	SS-00259
28	313000100997	Resistor	2	R4,R13	806K,±1%,0201, 1/20w	RM02FTN8063	TA-I	Outsourcing	SS-00259
	313000101492					WR02X8063FAL	walsin	Outsourcing	SS-00259
29	313000100155	Resistor	1	R27	100R,±1%,0201, 1/20W	RM02FTN1000	TA-I	Outsourcing	SS-00259
	313000101405					WR02X1000FAL	walsin	Outsourcing	SS-00259
30	313000100024	Resistor	7	R24, R25, R29, R30, R33, R34, R73	1K, ±1%, 0201, 1/20W	RM02FTN1001	TA-I	Outsourcing	SS-00259
	313000100123					WR02X1001FAL	walsin	Outsourcing	SS-00259
31	313000101249	Resistor	1	R75	180, 1%, 0201, 1/20w	RM02FTN1800	TA-I	Outsourcing	SS-00259
	313000101487					WR02X1800FAL	walsin	Outsourcing	SS-00259
32	313000101205	Resistor	2	R32, R38	240ohm, 1%, 0201, 1/20W	RM02FTN2400	TA-I	Outsourcing	SS-00259
	313000101441					WR02X2400FAL	walsin	Outsourcing	SS-00259
33	317000201773	BTB Connector	1	J1	30pin	DF40HC(3.0)-30DS-0.4V(51)	HRS	Outsourcing	SS-00259
34	310000500079	Transistor	1	Q4	double 10K resistor NPN	KRC402-RTK/P	KEC	Outsourcing	SS-00260
	310000500647					DTC114EUA	JCST	Outsourcing	SS-00259
35	313000100179	Resistor	1	R118	220R,±5%,0201, 1/20W	RM02JTN221	TA-I	Outsourcing	SS-00259
	313000101356					WR02X221 JAL	walsin	Outsourcing	SS-00259
37	310000600121	Blue LED	1	D40	Blue,1.65×1.15×0.6mm	LT-ST-S270TBKT-5A	LITEON	Outsourcing	SS-00259
38	313000300036	Resister	5	R1,R7,R8,R9,R10	0R,±5%,0603, 1/10W	RM06JTN0	TA-I	Outsourcing	SS-00259
	313000300925					WR06X000 PTL	Walsin	Outsourcing	SS-00259
39	317000100081	USB Plug	1	J3	USB A Plug	CUS14K42910	仕昌	Outsourcing	SS-00259
	317000100121					USB-MA14H01	Sanwin	Outsourcing	SS-00259
40	309000117997R6	PCB	1		15.7*41*1mm,FR-4,6Layer,HDI			Outsourcing	SS-00259
Bottom									
1	311000101088	Capacitor	2	C32, C34	18pF,±5%,25V,0201	0201N180J250CT	Walsin	Outsourcing	SS-00259
	311000100211					GRM0335C1E180JA01D	Murata	Outsourcing	SS-00259
2	311000100173	Capacitor	1	C61	1uF, ±20%, 6.3v, 0201	GRM033R60J105MEA2D	Murata	Outsourcing	SS-00259
	311000100207					JMK063ABJ105MP-F	Taiyo	Outsourcing	SS-00259
3	313000101248	Resistor	1	R35	150R,±1%,0201, 1/20w	RM02FTN1500	TA-I	Outsourcing	SS-00259
	313000101486					WR02X1500FAL	Walsin	Outsourcing	SS-00259
4	313000101205	Resistor	1	R36	240ohm, 1%, 0201, 1/20W	RM02FTN2400	TA-I	Outsourcing	SS-00259
	313000101441					WR02X2400FAL	Walsin	Outsourcing	SS-00259
5	313000100009	Resistor	2	R39,R47	10K,±5%,0201, 1/20W	RM02JTN103	TA-I	Outsourcing	SS-00259
	313000101389					WR02X103 JAL	Walsin	Outsourcing	SS-00259
6	313000100074	Resistor	1	R132	470k, ±1%, 0201, 1/20W	RM02FTN4703	TA-I	Outsourcing	SS-00259
	313000101485					WR02X4703FAL	Walsin	Outsourcing	SS-00259
8	315000700514	SOC	1	U1	LFBGA 12*12mm 306ball	S805	Amlogic	Outsourcing	SS-00259
9	315000200226	DDR3L	1	U8	2Gb, 1.35V, 96-Ball FBGA	MT41K128M16JT-125:K	Micron	Outsourcing	SS-00259
	315000200829					NT5CC128M16IP-DI	Nanya	Outsourcing	SS-00259
10	318000200798	X'TAL	1	X1	24MHZ, 20PF, 10PPM 3225	E3SB24E00003HE	HOSONIC	Outsourcing	SS-00259
	318000200790					X3203012424000A	Dynamic	Outsourcing	SS-00259

11	313000200073	Resister	2	R12,R14	0R,±5%,0402, 1/16W	RM04JTN0	TA-I	Outsourcing	SS-00259
	313000202469					WR04X000 PTL	Walsin	Outsourcing	SS-00259

N.O	Part Number	Component	Qty	Location	Parameter	Vender PN	Manufacture	Attribute	Environmental
TOP									
1	316000300048	Antenna	2	ANT3,ANT4	2.45GHz , 2012 , SMT	RANT1F2012ACMA00A4	台庆科技	Outsourcing	SS-00259
2	311000201235	Capacitor	1	C63	4.7uF,±20%,6.3V,0402	JMK105BBJ475MV-F	Taiyo	Outsourcing	SS-00259
	311000200483					GRM155R60J475ME87D	Murata	Outsourcing	SS-00259
3	311000100049	Capacitor	5	C64,C65,C66,C67,C68	0.1uF,±10%,6.3V,0201	GRM033R60J104KE19D	Murata	Outsourcing	SS-00259
	311000101083					0201X104K6R3CT	Walsin	Outsourcing	SS-00259
4	311000100209	Capacitor	3	C135,C138,C141	8P2,±0.5p,25V,0201,NPO	GRM0335C1E8R2DA01D	MURATA	Outsourcing	SS-00259
	311000101131					0201N8R2D250CT	Walsin	Outsourcing	SS-00259
5	311000100074	Capacitor	2	C137,C140	10pF,±5%,25V,0201,COG	0201N100J250CT	Walsin	Outsourcing	SS-00259
6	312000100269	Inductance	1	L7	0402,1.2nH,±0.1nH,390mA	LQP15MN1N2B02D	Murata	Outsourcing	SS-00259
7	313000100011	Resistor	1	R45	47K,±5%,0201,1/20W	RM02JTN473	TA-I	Outsourcing	SS-00259
	313000101399					WR02X473 JAL	WALSIN	Outsourcing	SS-00259
8	315000200842	NAND Flash	1	U10	2Gb,3.3V,T SOP-48	TCE8NVG1S3HTA00	TO SHIBA	Outsourcing	SS-00259
	315000200819					W29N02GV5IAA	Winbond	Outsourcing	SS-00259
9	318000700132	RF Switch	1	U26	SOT363	HWS408	HexaWave	Outsourcing	SS-00259
	318000400002					RTCE603SP	RichWave	Outsourcing	SS-00259
10	313000200073	Resistor	1	R9	0R,±5%,0402,1/16W	RM04JTN0	TA-I	Outsourcing	SS-00259
	313000202469					WR04X000 PTL	Walsin	Outsourcing	SS-00259
11	309000117998R6	PCB	1		17.4'29'1mm,FR-4,4 Layer,全通孔			Outsourcing	SS-00259
Bottom									
1	315000900049	RF Codec	1	U24	2.4G RF IC , USB,QFN48	AV6351	AVNERA	Outsourcing	SS-00259
2	316000100004	BALUN FILTER	1	U5	2.4G Balun	LFB212G45BA1A220	Murata	Outsourcing	SS-00259
3	315000200246	EEPROM	1	U23	128K-bits MSOP8	FT24C128A-UMG-T	FMD	Outsourcing	SS-00259
	315000200237					FM24C128A-MS-T-G	复旦微	Outsourcing	SS-00259
4	310000400883	ESD	1	D3	0.38mm,0.4pf , contact±12kv , al	DF2B6.8M1ACT	TO SHIBA	Outsourcing	SS-00259
	310000400581					ESD9N5BU-2/TR	Willsemi	Outsourcing	SS-00259
5	311000100049	Capacitor	8	C120,C121,C122,C123	0.1uF,±10%,6.3V,0201	GRM033R60J104KE19D	Murata	Outsourcing	SS-00259
	311000101083					0201X104K6R3CT	Walsin	Outsourcing	SS-00259
6	311000100017	Capacitor	3	C130,C132,C133	100nF,20%,10V,0201,X5R	GRM033R61A104KE15D	Murata	Outsourcing	SS-00259
	311000101071					0201X104K100CT	Walsin	Outsourcing	SS-00259
7	311000100171	Capacitor	1	C126	220nF,±20%,6V3,0201,X5R	GRM033R60J22ME15D	Murata	Outsourcing	SS-00259
	311000101097					0201X224M6R3CT	Walsin	Outsourcing	SS-00259
8	311000100767	Capacitor	1	C131	2.2uF,20%,6.3v,0201,X5R	CM03X5R225M06AH	KYOCERA	Outsourcing	SS-00259
	311000100856					GRM033R60J22ME47D	Murata	Outsourcing	SS-00259
9	311000101132	Capacitor	1	C136	470p,±10%,25,0201,COG	0201X225M6R3CT	Walsin	Outsourcing	SS-00259
	311000100029					GRM033R71E471KA01D	Murata	Outsourcing	SS-00259
10	311000101133	Capacitor	1	C124,C125	9p,±0.5p,25,0201,COG	0201B471K250CT	Walsin	Outsourcing	SS-00259
	311000100975					GRM0335C1E9R0CA01D	Murata	Outsourcing	SS-00259
11	311000201356	Capacitor	1	C128	10uF,±20%,10V,0402	0201N9R0C250CT	Walsin	Outsourcing	SS-00259
	311000201269					LDK105CBJ106MVLV	Taiyo	Outsourcing	SS-00259
12	310000700025	PMOS	1	Q5	SOT-23 PMOS	CL05A106MP5NUNC	SAMSUNG	Outsourcing	SS-00259
	310000700056					LP2307LT1G	LRC	Outsourcing	SS-00259
13	310000500079	Transistor	1	Q6	double 10K resistor NPN	CJ3401	JCST	Outsourcing	SS-00259
	310000500647					KRC402-RTK/P	KEC	Outsourcing	SS-00259
14	313000100022	Resistor	1	R124	0R,±1%,0201,1/20W	DTC114EUA	JCST	Outsourcing	SS-00259
	313000101392					RM02FTN0	TA-I	Outsourcing	SS-00259
16	313000200103	Resistor	2	R116,R117	22R,±5%,0402,1/20W	WR02X000PAL	WALSIN	Outsourcing	SS-00259
	313000202570					RM04JTN220	TA-I	Outsourcing	SS-00259
17	313000101251	Resistor	1	R123	24.9K,1%,0201,1/20W	WR04X220 JAL	WALSIN	Outsourcing	SS-00259
	313000101484					RM02FTN2492	TA-I	Outsourcing	SS-00259
18	313000100007	Resistor	2	R119,R120	4K7,±5%,0201,1/20W	WR02X2492FAL	WALSIN	Outsourcing	SS-00259
	313000101388					RM02JTN472	TA-I	Outsourcing	SS-00259
19	313000101250	Resistor	1	R121	63.4K,1%,0201,1/20W	WR02X472JAL	WALSIN	Outsourcing	SS-00259
	313000101383					RM02FTN6342	TA-I	Outsourcing	SS-00259
20	318000700117	switch	1	SW3	Tact. Switch , 4.6×3.4×1.85mm	RMCI120-6342FPA	kamaya	Outsourcing	SS-00259
	318000200095					TSMD-251211-160	SANWIN	Outsourcing	SS-00259
21	318000200820	XTAL	1	X2	16M , 3225	7V16000001	TXC	Outsourcing	SS-00259
	317000100840					E3FB16E000001E	Hosonic	Outsourcing	SS-00259
22	313000200073	BTB Connector	1	J1	30pin Plug	DF40C-30DP-0.4V(51)	HRS	Outsourcing	SS-00259
23	313000200073	Resistor	3	R1,R2,R3	0R,±5%,0402,1/16W	RM04JTN0	TA-I	Outsourcing	SS-00259
	313000202469					WR04X000 PTL	Walsin	Outsourcing	SS-00259