Important Computer Peripheral Portion Parts List

Name	Specification/Type	Packaging	Q`ty	Location	Note	Factory	Highest Frequency of Investigation
xtal	(Q13MC1462000200) 32.768KHZ 20PPM 12.5PF	7015	2	Y2 Y3	32.768KHZ 20PPM 12.5PF	Epson	1GHz
	(Q13MC14610002XX) 32.768K MC-146/12.5PF/20PPM	7015	0		12.5PF/20PPM	Epson	
	SSP-T7F (32.768KHZ 20PPM 12.5PF)	7015	0		32.768KHZ 20PPM 12.5PF	SII	
TCXO	(DSB321SCA) 16.367667MHZ 2.5PPM	3225	1	G_Y1	16.367667MHZ_2.5PPM	KDS	1GHz
	(7Q16300004) 16.367667MHZ 2.5ppm	3225	0		16.367667MHZ_2.5PPM	TXC	
	TOH16367TX	3225	0		16.367667MHZ 3.2*2.5mm±0.2mm	INZI	
xtal	24MHz/10ppm/9pF (S3225A-024000-F09-BYC-YYA)	3225	1	Y1	24MHZ_10PPM_9PF_S3225	YouGui	1GHz
	5YAA24000091IF60Q2	3225	0		24.000000MHZ 3.2*2.5mm±0.2mm	Yingdali	
	E3SB24.0000F10E11	3225	0		±10PPM/10PF 3.2*2.5*0.65mm±0.1mm	Hongxing	
xtal	26MHZ_11.2PF_3225 (X1E000021031400)	SMD3225	1	Y4	26MHZ_11.2pF_3225	EPSON	1GHz
CPU	AT5501	BGA285	1	U1	SIRF Atlas V CPU 500MHZ	SIRF	5 GHz

NAND FLASH	TC58NVG4D2FTA00	TSOP-48	1	U6	MMR_MLC_4GB_8K_24bit_32nm_TSOP-48_TOSHIBA_RO	TOSHIBA	1GHz
	K9GAG08U0E-PCB0	TSOP-48	0		MMR_MLC_2GB_8K_12bit_32nm_TSOP48_SAMSUNG_RO	SAMSUNG	
	H27UBG8T2ATR-BC	TSOP-48	0		MMR_MLC_4GB_8K_24bit_32nm_TSOP-48_HYNIX_RO	HYNIX	
DDRII SDRAM	KT1G16000413-25H	FBGA84	1	U5	64M*16bit DDR2 SDRAM	SAMSUNG	1GHz
	K4T1G164QE-HCF7	FBGA84	0		MMR_DDR2_128MB_64M*16bit_1.8V_400MHZ_?_?_FBGA-84_SAMSUNG_RO	SAMSUNG	
GPS Receiver	SE4150L-R	QFN-4X4-24	1	G_U1	GPS Receiver IC	MURATA	1GHz
AUDIO CODEC	ALC5625-GR	QFN48-TH1	1	U10	I2S AUDIO CODEC + VOICE PCM INTERFACE + ACOUSTIC ECHO CANCELLATION		1GHz
FM IC	KT0806	KT0806	1	U11	FM IC	KTMICRO	1GHz
light-sensor	BH1600FVC	WSOF6	1	U15	Analog Output Ambient Light Sensor IC	ROHM	1GHz
MCP	K5L6331CAA-D270	FBGA-56	1	U16	64Mb NOR Flash + 32Mb UtRAM	SAMSUNG	1GHz
GSM CPU	MT6223DA	MT6223-224/P0.5/B0.27(9X9)	1	U17	MTK's GSM/GPRS Baseband processor;32bit ARM7E-S RISE processor;Frequency: 52MHz	MTK	1GHz
RF IC	SKY77547	SKY77531	1	U19	a transmit and receive front-end module (FEM) with Integrated Power Amplifier Control (iPAC™) for quad-band cellular handsets Quad-band antenna switch +PA	SKYWORKS	1GHz
RF IC	AD6548BCPZ-RL	FCSP-32	1	U20	GSM850/900/1800/1900 Single Chip GSM Radio		10GHz