







	From:			ource Data From: GT502_BG\$2.PrjPcb					
Project:		GT502 BGS2 PrjPcb None							
reation Date:	11/1/2014	3:16:31 PM		-					
Print Date:	41944	41944.63658							
ootprint	Comment	LibRef	Designator	Description	Quant				
402_TYPE1 402_TYPE1	100nF 100nF-16V-20%	Cap Cap	C1, C94 C5, C6, C10, C11, C12, C13, C14, C18,	Capacitor CAP CER 0.1UF 16V Y5V 0402					
402_TYPE1	15p-50V-5%	Cap	C39, C55, C56, C68, C97 C8, C15	CAP CER 15PF 50V 5% NPO 0402					
00603 01206 CAPACITOR	1uF-16V-20% 4.7uF 10uF, 35v	Cap Cap2 Cap Pol3	C17, C19, C20, C96 C21 C22	CAP CER 1UF 16V Y5V 0603 Capacitor CAP ALUM 10UF 35V 20% SMD					
SIZE_C(D5.3)	10ur, 35v	Cap Pois	022	CAP ALUM 100F 35V 20% SMD					
00603 0402_TYPE1	10uF-6V3-20% 1nF-5%	Cap 1nF-50V-C0805	C25, C40, C70 C34, C98	CAP CER 10UF 6.3V 20% X5R 0603 Non-Polarized Capacitor					
00805 - TYPE3	0.1uF-50V	CN2	C35	CAP CER 0.1UF 50V Y5V 0603					
402_TYPE1 402_TYPE1	3.3nF-10% 10nF-10%	1nF-50V-C0805 10nF-50V-	C36 C37, C51, C90	CAP CER 3300PF 50V 10% X7R 0402 Non-Polarized Capacitor					
402_TYPE1	2.2nF-10%	C0805 2.2nF-50V- C0805	C38	CAP CER 2200PF 50V 10% X7R 0402					
2917_smd 3402_TYPE1	470uF 100n	Cap2 CAP NP	C48 C49	CAP TANT 470UF 6.3V 10% 2917 CAP CER 0.1UF 16V 10% X7R 0805					
3402_TYPE1	33pF-5%	33pF-50V- C0805	C53	Non-Polarized Capacitor					
402_TYPE1 402_TYPE1 402_TYPE1	1n-50V-5% 47p-50V-5%	Cap	C57 C58, C59	CAP CER 47PF 50V 5% NPO 0402 CAP CER 47PF 50V 5% NPO 0402 Non-Polarized Capacitor					
	0.5pF	0.5pF-50V-	O62, C63						
402_TYPE1 402_TYPE1	1uF-16V-20% 9pF 1N4148	Cap 9pF-50V-C0805	C95	CAP CER 1UF 16V Y5V 0603 Non-Polarized Capacitor					
00-213AA .ED0603-G	1N4148 LED GREEN 1N4007	1N4148 LED2 Diode	D1, D3, D6 D2, D9 D4	DIODE SMALL SIG 100V 0.2A ALF2 LED GREEN CLEAR THIN 0603 SMD DIODE GEN PURPOSE 1000V 1A SMA					
00-214AC SMA) 00-214AC	B340A	D Schottky	D5	DIODE SCHOTTKY 40V 3A SMA					
SMA) SOD323	1N4148	Diode	D10	DIODE SWITCH 75V 200MW SOD323					
A10343- 3SM850/900	GSM Antena conecter	Header 5	E2	Header, 5-Pin					
1800/1900/ WCDMA PTC1206	DTD 40000000	D 2	Fa	DYO DECETTABLE COMMON TO C					
soin8	PTS120616V02 5 I M358	Fuse 2 LM358	F3	PTC RESETTABLE SMD 1206 16V .25A Low-Power Dual Operational Amplifier					
iolo8 SD8350-5R6- R	LM358 SD8350-5R6-R	Inductor	LT	Low-Power Dual Operational Amplifier Digikey part SD8350-4R7-R					
20603 HEADER 1.2	47nH Debug	Inductor Header 3	L68 P2	Inductor NA					
mm_3PIN IDR1X8	Header 8	Header 8	P4	Header, 8-Pin					
SIM MF01- 12-063X	SIM CARD HOLDER	SIM CARD	P10	SIM _CONNECTOR_410108105011-2LF					
HDR1X2 PEX SOT23_123	BAT IPEX J3Y	Header 2 IPEX NPN_123	P13 P22	Header, 2-Pin NPN Bipolar Transistor					
SOT23_123 SOT23_123 SOT23-3	2TY AO3401A	PNP_123 PNP_123 MOSFET-P	Q1 Q2	PNP Bipolar Transistor PNP Bipolar Transistor MOSFET P-CH -30V -4.3A SOT23					
SOT23-3 SOT23-3	BSS138 BSS84	MOSFET-P MOSFET-P	Q5 Q6	MOSFET N-CH 50V 200MA SOT23-3 MOSFET P-CH 50V 130MA SOT23-3					
R0402_TYPE	15k-5%	105k-1%-R0805	R3	RES 105k OHM 1/4W 1% 0805 SMD					
R0402_TYPE	3.3k-5%	26.1k-1%-R0805	R4	RES 26.1k OHM 1/4W 1% 0805 SMD					
R0402_TYPE	4k7-5%	Res1	R6, R7, R97	RES 4.7K OHM 1/16W 5% 0402 SMD					
80402_TYPE	1k-5%	220k-5%-R0805 Res1, 1k-5%-	R8, R36 R9, R22, R23, R28, R31, R33, R99	RES 220k OHM 1/8W 5% 0805 SMD RES 1.0K OHM 1/16W 5% 0402 SMD.					
R0402_TYPE 1	1K-0%	R0805, 1k-5%- R0805, Res1,	R9, R22, R23, R28, R31, R33, R99	RES 1:0K OHM 1/16W 5% 0402 SMD, RES 1k OHM 1/8W 5% 0805 SMD, RES 1k OHM 1/8W 5% 0805 SMD, RES 1.0K					
		Res1, Res1, Res1							
				OHM 1/16W 5% 0402 SMD, RES 1.0K OHM 1/16W 5% 0402 SMD, RES 1.0K OHM 1/16W 5% 0402 SMD RES 10K OHM 1/16W 5% 0402 SMD,					
R0402_TYPE	10k-5%	Res1, Res1, 10k-5%-R0805,	R11, R35, R38, R39, R40, R49, R88						
		10k-5%-R0805, 10k-5%-R0805, Res1, Res1		RES 10k OHM 1/8W 5% 0805 SMD, RES 10k OHM 1/8W 5% 0805 SMD, RES 10k					
		Res1, Res1		OHM 1/8W 5% 0805 SMD, RES 10K OHM 1/16W 5% 0402 SMD, RES 10K OHM 1/16W 5% 0402 SMD					
R0402_TYPE	38.3k-1%	38.3k-1%-R0805	R19	RES 38.3k OHM 1/4W 1% 0805 SMD					
R0402_TYPE	10k-1%	10k-1%-R0805, Res1	R21, R68	RES 10k OHM 1/4W 1% 0805 SMD, RES 10.0K OHM 1/16W 1% 0402 SMD					
R0402_TYPE	330R-5%	330k-5%-R0805, 330R-5%-R0805	R24, R27	RES 330 OHM 1/8W 5% 0805 SMD					
R0402_TYPE	470k-1%	470k-1%-R0805	R25	RES 470k OHM 1/4W 1% 0805 SMD					
1 R0402_TYPE	470k-5%	470k-5%-R0905	R26, R41	RES 470k OHM 1/8W 5% 0805 SMD					
0402_TYPE	2.2M-5%	2.2M-5%-R0805	R37	RES 2.2M OHM 1/8W 5% 0805 SMD					
R0402_TYPE		Res1	R43	RES 1.1K OHM 1/16W 5% 0402 SMD					
70402_TYPE	47k-5%	Res1	R44	RES 47K OHM 1/16W 5% 0402 SMD					
70402_TYPE	3k-5%	Res1	R45	RES 1.5K OHM 1/16W 5% 0402 SMD					
R0402_TYPE		Res1	R58, R74	RES 100K OHM 1/16W 5% 0402 SMD, RES 2M OHM 1/16W 1% 0402 RES 100K OHM 1/16W 5% 0402 SMD					
R0402_TYPE	100k-5%	Res1	R67, R93						
R0402_TYPE I R0402_TYPE		10R-5%-R0402	R77	RES 10 OHM 1/16W 5% 0402 SMD					
R0402_TYPE R0402_TYPE		64.9k-1%-R0805		RES 64.9k OHM 1/4W 1% 0805 SMD					
0402_TYPE		Res 1	R98, R100, R101	RES 4.7K OHM 1/16W 5% 0402 SMD					
MAX7	L70R	MAX-7	U1						
SO16-150mil	ULN2003A/SO	ULN2003A/SO_ 0	U3	IC DARL TRANS ARRAY 16-SOIC					
TQFP-48- 20.5	STM32F103CBT 6TR MMA7660FC		U4	MCU ARM 128K FLASH/TIMER					
MMA7660FC SOT23-5	MMA7660FC XC6209B332MR N_SOT-25	MMA7660FC XC6209B332MR N_SOT-25	U6, U11	ACCELEROMETER 3X3 DGTL 10-DFN XC6209B332MRN_SOT-25					
SOIC127P60 3-8AL	TPS54232	Component_1	U7	1					
xq24073	bq24073	BATTERY_CHA RGER	U10	IC LHON CHARGE/PWR MGMT 16-QFN					
CINTERION BGS2	CINTERION BGS2	CINTERION EHS5	U12	CINTERION EHS5					
SO8-200mil	MX25L8005MC- 15G_SOP-8L 8.000 MHZ	FlashIC	U13	MX25L8005MC-15G_SOP-8L					
SMD CRYSTAL 4	8.000 MHZ	CRYSTAL-SMT	Y1	CRYSTAL 8.000 MHZ 18PF SMD					
2.5		Notes	1	1					
Approved					_				







