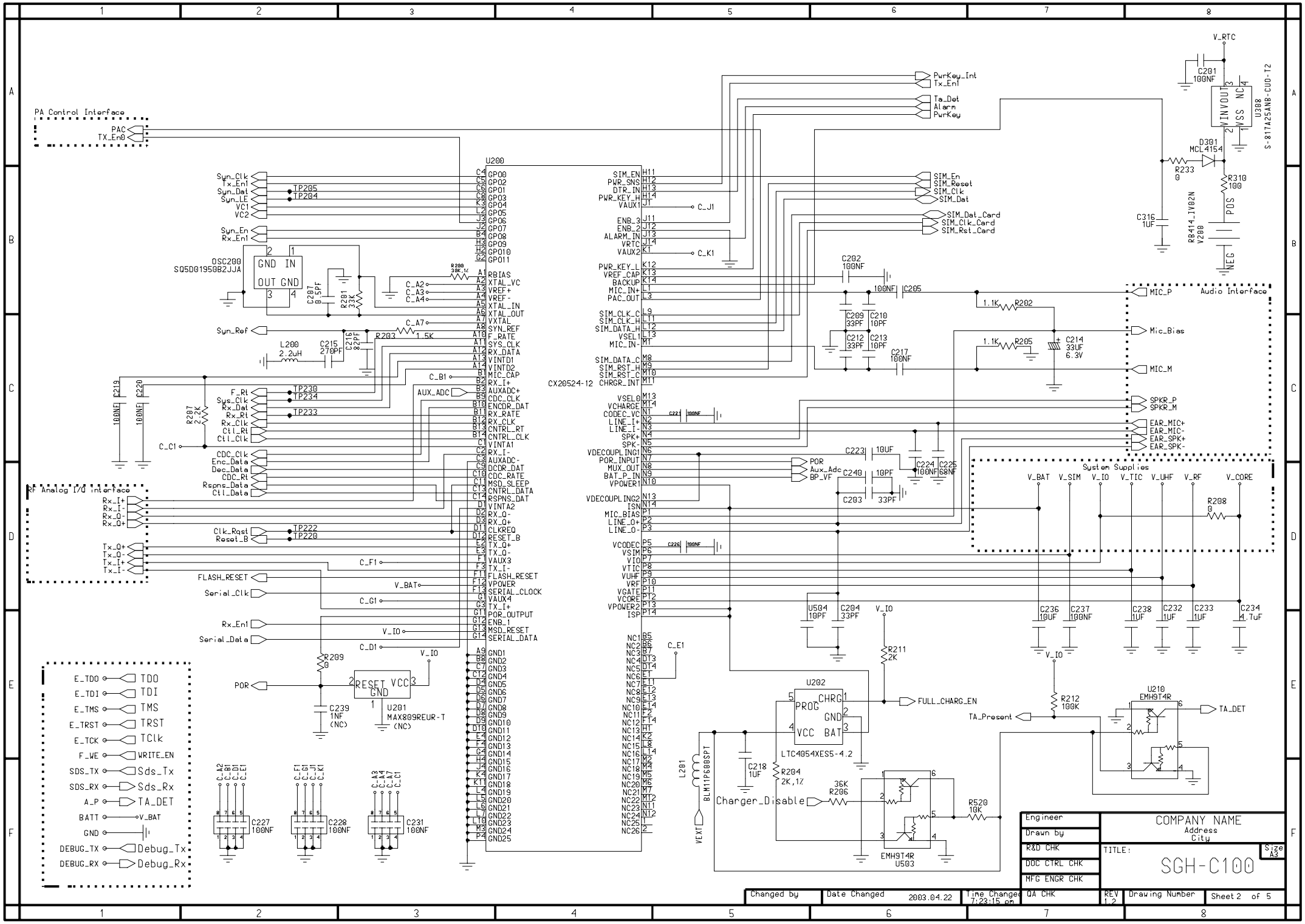
PA Control Interface
PAC
TX_En0
U200
CX20524-12
Syn_Clk
Tx_En1
Syn_Dat
Syn_LE
VC1
VC2
Syn_En
Rx_En1
Syn_Ref
OSC200
SQ5D01950B2JJA
GND IN
OUT GND
R209 30K,1%
C_A2
C_A3
C_A4
C287 8.5PF
R281 33K
C_A7
R203 1.5K
L200 2.2uH
C215 270PF
C216 82PF
C_B1
AUX_ADC
F_Rt
Sys_Clk
Rx_Dat
Rx_Rt
Rx_Clk
Ctl_Rt
Ctl_Clk
C_C1
R207 2.2K
C219 100NF
C220 100NF
CDC_Clk
Enc_Data
Dec_Data
CDC_Rt
Rspns_Data
Ctl_Data
RF Analog I/O interface
Rx_I+
Rx_I-
Rx_Q-
Rx_Q+
Tx_Q+
Tx_Q-
Tx_I+
Tx_I-
Clk_Rqst
Reset_B
FLASH_RESET
Serial_Clk
C_G1
Rx_En1
Serial_Data
V_IO
C_D1
C_F1
V_BAT
POR
R209 0
RESET VCC
GND
U201
MAX809REUR-T
(NC)
C239 1NF
(NC)
E_TDO
E_TDI
E_TMS
E_TRST
E_TCK
F_WE
SDS_TX
SDS_RX
A_P
BATT
GND
DEBUG_TX
DEBUG_RX
TDO
TDI
TMS
TRST
TClk
WRITE_EN
Sds_Tx
Sds_Rx
TA_DET
V_BAT
Debug_Tx
Debug_Rx
C227 100NF
C228 100NF
C231 100NF
PwrKey_Int
Tx_En1
Ta_Det
Alarm
PwrKey
SIM_En
SIM_Reset
SIM_Clk
SIM_Dat
SIM_Dat_Card
SIM_Clk_Card
SIM_Rst_Card
C_J1
C_K1
C202 100NF
C205 100NF
C209 33PF
C210 10PF
C212 33PF
C213 10PF
C217 100NF
R202 1.1K
R205 1.1K
C214 33UF 6.3V
C222 100NF
C223 10UF
C224 100NF
C225 68NF
C240 10PF
C203 33PF
POR
Aux_Adc
BP_VF
C226 100NF
U504 10PF
C204 33PF
R211 2K
U202
PROG
CHRG
GND
VCC
BAT
LTC4054XES5-4.2
FULL_CHARG_EN
TA_Present
R212 100K
U210
EMH9T4R
TA_DET
L281
BLM11P680SPT
VEXT
C218 1UF
R204 2K,1%
Charger_Disable
36K
R206
R520 10K
EMH9T4R
U503
C_E1
Audio Interface
MIC_P
Mic_Bias
MIC_M
SPKR_P
SPKR_M
EAR_MIC+
EAR_MIC-
EAR_SPK+
EAR_SPK-
System Supplies
V_BAT
V_SIM
V_IO
V_TIC
V_UHF
V_RF
V_CORE
R208 0
C236 10UF
C237 100NF
C238 1UF
C232 1UF
C233 1UF
C234 4.7uF
V_RTC
C201 100NF
U308
S-817A25AN8-CUO-T2
VIN VOUT
VSS NC
D391
MCL4154
R233 0
R310 100
C316 1UF
R8414-IV02N
V200
POS
NEG
Engineer
Drawn by
R&D CHK
DOC CTRL CHK
MFG ENGR CHK
COMPANY NAME
Address
City
TITLE:
SGH-C100
Size A3
Changed by
Date Changed 2003.04.22
Time Changed 7:23:15 pm
QA CHK
REV 1.2
Drawing Number
Sheet 2 of 5