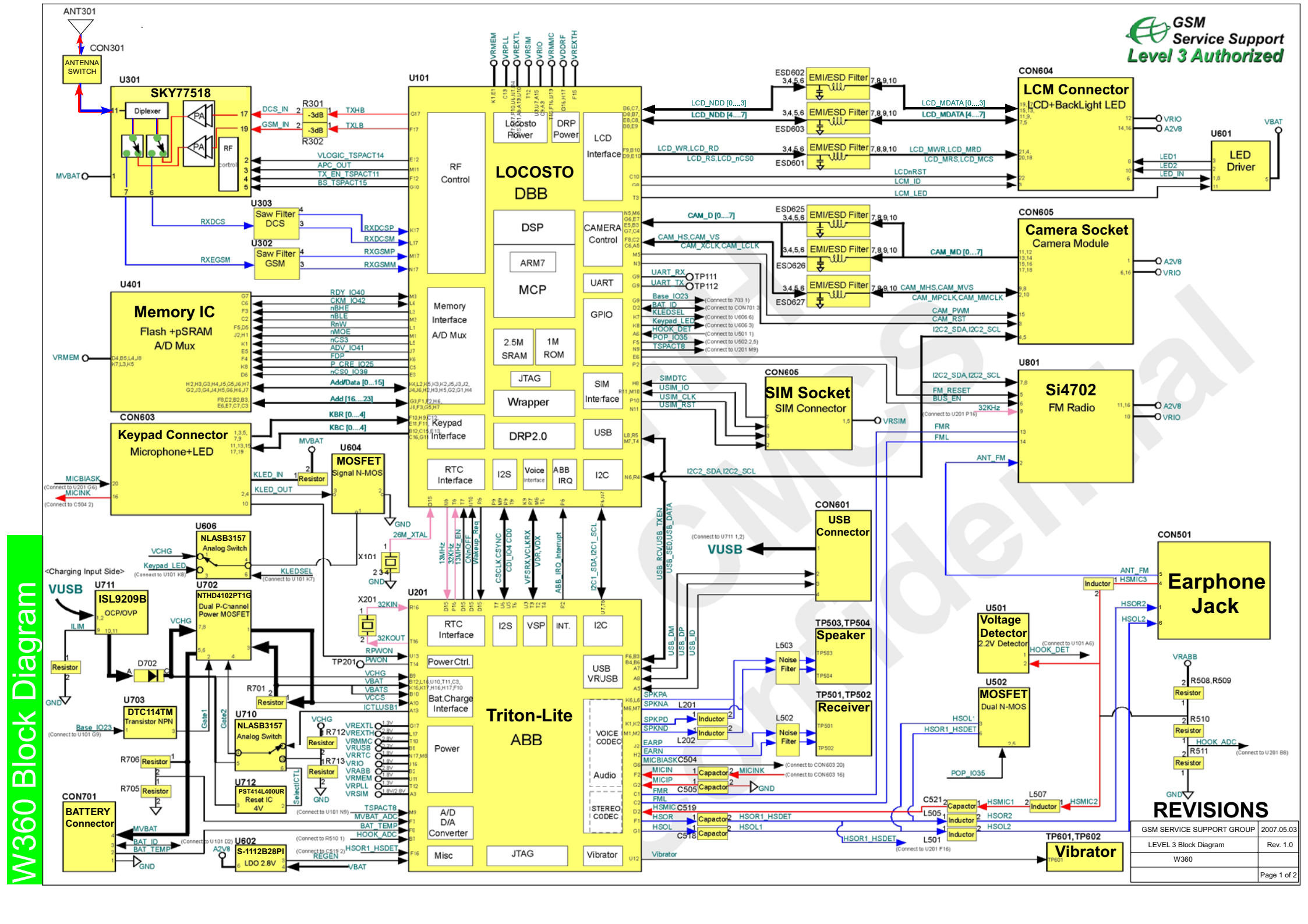
W360 Block Diagram
GSM Service Support
Level 3 Authorized
ANT301
CON301
ANTENNA SWITCH
U301
SKY77518
Diplexer
PA
RF control
MVBAT
DCS_IN
GSM_IN
R301 -3dB
R302 -3dB
TXHB
TXLB
VLOGIC_TSPACT14
APC_OUT
TX_EN_TSPACT11
BS_TSPACT15
U303
Saw Filter DCS
U302
Saw Filter GSM
RXDCS
RXEGSM
RXDCSP
RXDCSM
RXGSMP
RXGSMM
U101
LOCOSTO DBB
RF Control
Locosto Power
DRP Power
LCD Interface
DSP
ARM7
MCP
CAMERA Control
UART
GPIO
2.5M SRAM
1M ROM
JTAG
Wrapper
SIM Interface
DRP2.0
USB
Memory Interface A/D Mux
Keypad Interface
RTC Interface
I2S
Voice Interface
ABB IRQ
I2C
VRMEM
VRPLL
VREXTL
VRSIM
VRIO
VRMMC
VDDRF
VREXTH
U401
Memory IC
Flash +pSRAM
A/D Mux
RDY_IO40
CKM_IO42
nBHE
nBLE
RnW
nMOE
nCS3
ADV_IO41
FDP
P_CRE_IO25
nCS2_IO39
Add/Data [0...15]
Add [16....23]
CON603
Keypad Connector
Microphone+LED
KBR [0....4]
KBC [0....4]
MICBIASK
MICINK
KLED_IN
KLED_OUT
U604
MOSFET
Signal N-MOS
Resistor
U606
NLASB3157
Analog Switch
VCHG
Keypad_LED
KLEDSEL
<Charging Input Side>
VUSB
U711
ISL9209B
OCP/OVP
ILIM
U702
NTHD4102PT1G
Dual P-Channel Power MOSFET
D702
R701
U703
DTC114TM
Transistor NPN
Base_IO23
R706
R705
U710
NLASB3157
Analog Switch
R712
R713
U712
PST414L400UR
Reset IC 4V
Select/CTL
CON701
BATTERY Connector
BAT_ID
BAT_TEMP
U602
S-1112B28PI
LDO 2.8V
A2V8
REGEN
X101
26M_XTAL
X201
32KIN
32KOUT
TP201
RPWON
PWON
U201
Triton-Lite
ABB
Power Ctrl.
Bat.Charge Interface
Power
A/D D/A Converter
Misc
VSP
INT.
USB VRUSB
VOICE CODEC
Audio
STEREO CODEC
Vibrator
TSPACT8
MVBAT_ADC
BAT_TEMP
HOOK_ADC
HSOR1_HSDET
ESD602
ESD603
ESD601
EMI/ESD Filter
LCD_NDD [0....3]
LCD_NDD [4....7]
LCD_WR,LCD_RD
LCD_RS,LCD_nCS0
LCD_MDATA [0....3]
LCD_MDATA [4....7]
LCD_MWR,LCD_MRD
LCD_MRS,LCD_MCS
LCDnRST
LCM_ID
LCM_LED
CON604
LCM Connector
LCD+BackLight LED
U601
LED Driver
LED1
LED2
LED_IN
VBAT
ESD625
ESD626
ESD627
CAM_D [0....7]
CAM_HS,CAM_VS
CAM_XCLK,CAM_LCLK
CAM_MD [0....7]
CAM_MHS,CAM_MVS
CAM_MPCLK,CAM_MMCLK
CAM_PWM
CAM_RST
I2C2_SDA,I2C2_SCL
CON605
Camera Socket
Camera Module
UART_RX
UART_TX
TP111
TP112
Base_IO23
BAT_ID
KLEDSEL
Keypad_LED
HOOK_DET
POP_IO35
TSPACT8
SIMDTC
USIM_IO
USIM_CLK
USIM_RST
CON605
SIM Socket
SIM Connector
VRSIM
U801
Si4702
FM Radio
FM_RESET
BUS_EN
32KHz
FMR
FML
ANT_FM
CON601
USB Connector
VUSB
USB_RCV,USB_TXEN
USB_SE0,USB_DATA
USB_DM
USB_DP
USB_ID
CON501
Earphone Jack
HSMIC3
HSOR2
HSOL2
U501
Voltage Detector
2.2V Detector
HOOK_DET
U502
MOSFET
Dual N-MOS
HSOL1
HSOR1_HSDET
POP_IO35
TP503,TP504
Speaker
TP501,TP502
Receiver
L503
L502
L501
L507
Noise Filter
Inductor
SPKPA
SPKNA
SPKPD
SPKND
EARP
EARN
MICBIAS
MICIN
MICIP
FMR
FML
HSMIC
HSOR
HSOL
C504
C505
C519
C518
C521
Capacitor
VRABB
R508,R509
R510
R511
HOOK_ADC
TP601,TP602
Vibrator
REVISIONS
GSM SERVICE SUPPORT GROUP
2007.05.03
LEVEL 3 Block Diagram
Rev. 1.0
W360
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