

History

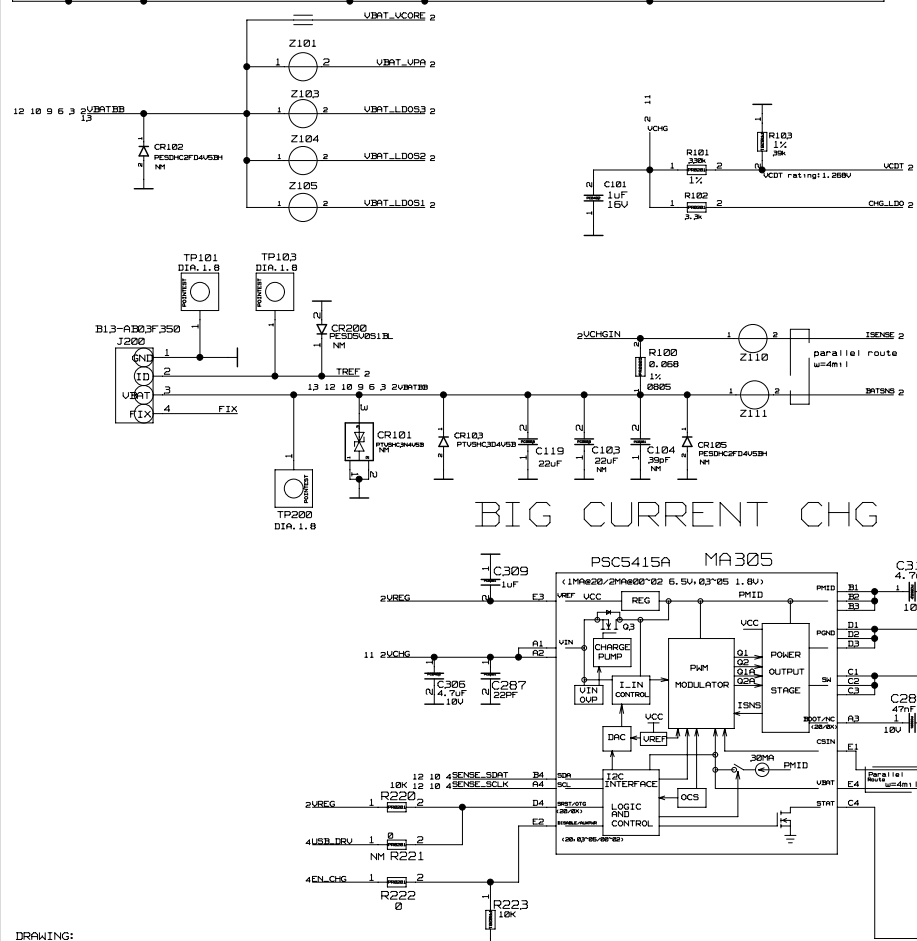
Date	Version	Owner	Description
2018/1/16	V00	Chen Lijun	Base on MP06 V00(HT6578N) Change to HT6580
2018/4/2	V01	Chen Lijun	1.P41change USB_ID GP108(E25) -> GP108(B16);USB_DRV GP107(F25) -> GP101(C16) ENL_TORCH GP101(C16) -> GP108B(E15) ADD U002(E25)+U702B(F25)+CN_SPM_SUB(V003)+RESET_SPM(A03) 2.P51ADD J400 SPI02 SPM signal 3.P131ADD SPM CRD CONTROLLER
2018/4/28	V01A	Chen Lijun	1.P81Del GPS Crystal
2018/5/25	V01B	Chen Lijun	1.P21J2889 PIN4 and GND are Not Connected Together 2.P41Add CN_FLASH 3.P91Flash Driver use RA3641D04; Add C099;R010

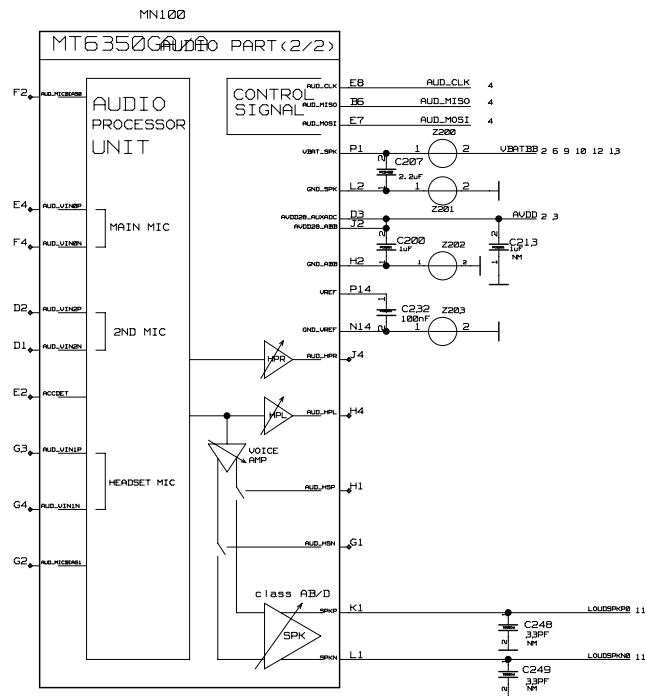
MODIFIED	NAME	DATE	CHECKED	NAME	DATE
	SCHEMATIC	18/9/2018		SCHEMATIC	18/9/2018
TITLE		HISTORY			
Product Name		SCHEMATIC BOARD um06_mmi_v01b			
P. N.		FORMAT		PAGE/SHEET	
SageReal		A2		1 / 16	
VER.	DATE	DOCUMENT NUMBER		TYPE	PART
					VERS.

DRAWING:
BOARD MP06 PM1 V01B
board um06_mmi_v01b
LAST_MODIFIED:Fri Jun 15 11:18:30 2018

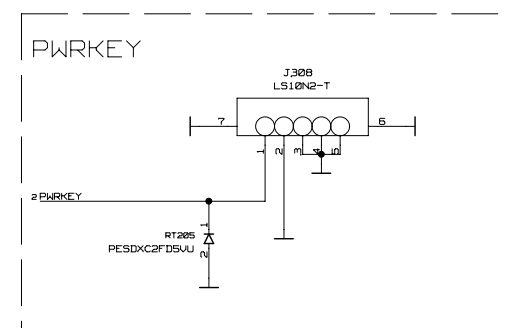
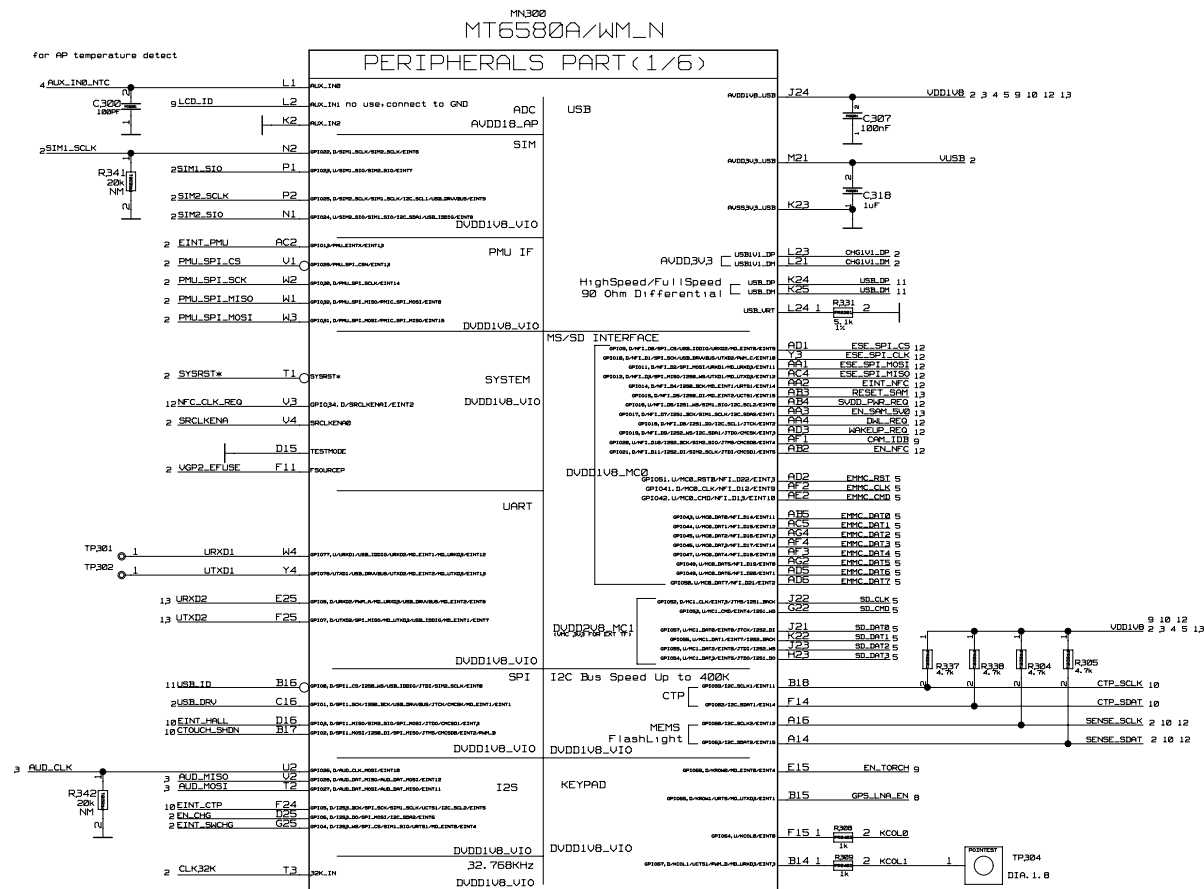
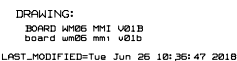
ALL RIGHTS RESERVED.REPRODUCTION AND DISCLOSURE PROHIBITED

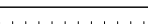
Symbol	Vout (V)	Iout (mA)	On/Off control	Description
Buck				
UCORE	0.7~1.4	2000	MT3505 On	Digital CORE
VSYS	2.2	1400	MT3505 On	3.3V VDD
VBA	0.5~3.4	600	1. REG1STEP (DEFAULT) 2. SRCLKEN	3.3V VDD
LD				
UM	1.24~1.39/1.54/1.84	700/600/500/300		External Memory
VF1VB	1.8V	300		Digital IO
VF2VB	1.825V	200		3G power amplifier
UGP3	1.2~1.3/1.5/1.8V	200		General purpose LD03
UCAM10	1.8V	150		Digital power for camera module
UCONN1VB	1.8V	120		Wi-Fi/BT/FM/GPS power
UA	2.8V	150		Analog baseband
UTCXO **	2.2V	20 **		13.26MHz reference clock
UCCN2B	2.8V	30		Wi-Fi/BT/FM/GPS power
UCAMR	2.8V	150		Analog power for camera module
Digital				
UCCN43 **	3.3/3.4/3.5/3.6V	350 **		Wi-Fi/BT/FM/GPS power
UEMMC_3V3	3.0/3.3V	400		3.3V EMMC
UMCH	3.0/3.3V	400		SD 2.0/3.0 memory card
UUSB	3.3	20		USB
UIO2B	2.8	200		Digital IO
UMC	1.8/3.3V	100		SD 3.0 memory card
USIM1	1.8~3.0V	50		1st SIM Card
USIM2	1.8~3.0V	50		2nd SIM Card
VDIG1B	1.8	20		Digital power
UCAM_LAF	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100 **		Digital power for camera Auto Focus
UGP1 **	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100 **		General purpose LD01
UGP2	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100		General purpose LD02
UIR	1.2~1.3/1.5/1.8/2.0/2.8/3.0/3.3	100		Vibrator
RTC	2.8V	2		Real-time Clock





-	-	MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018		
-	-		TITLE MT6580 Product Name SCHEMATIC BOARD wm05_mm1_v01b				SageReal 伊達資訊		
-	-								
-	-								
-	-								
-	-	P. N.				FORMAT SIZE A2	PAGE/SHEET 3 / 16		
VER.	DATE	SageReal 伊達資訊				DOCUMENT NUMBER	TYPE	PART	VERS.



-	-	MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018	
-	-	TITLE MT6580						
-	-							
-	-	Product Name	SCHEMATIC BOARD um06_mmi_v01b			PAGE/SHEET 4 / 16		
-	-							
-	-	P. N.			FORMAT SIZE A2			
-	-							
VER.	DATE				DOCUMENT NUMBER	TYPE	PART	VERS.

A

B

C

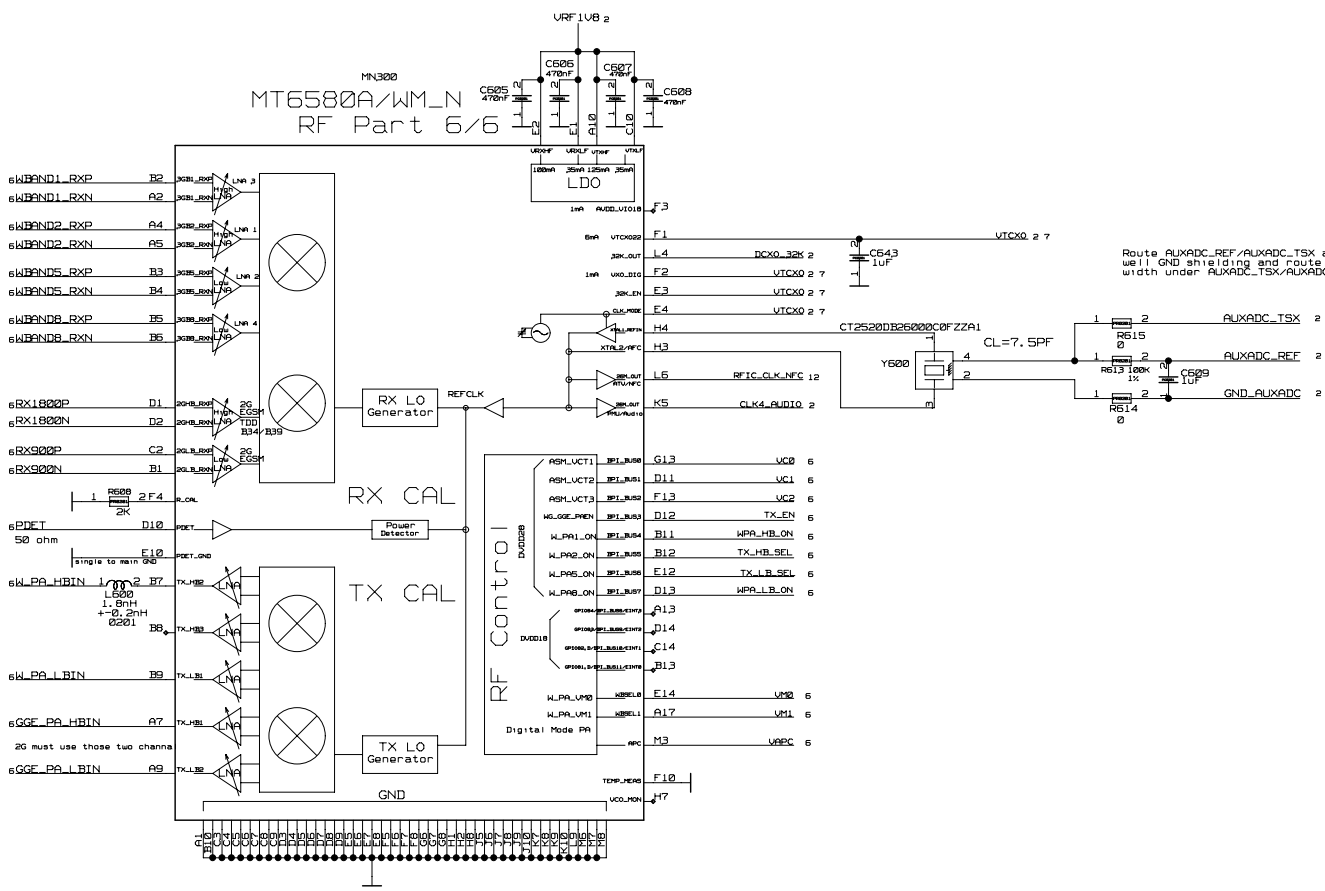
D

A

B

C

D



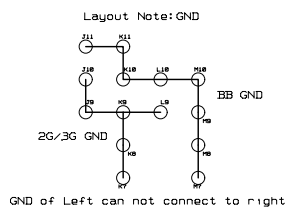
Route AUXADC_REF/AUXADC_TSS as differential trace with well GND shielding and route AUXADC_GND with 15mil trace width under AUXADC_TSS/AUXADC_REF trace to provide return current path

- 1.Keep the crystal>10 mm and <30 mm away from the heat sources(Priority: 2/3G PAs,charger,and PMIC).
- 2.Keep-out at least first three inner layers of metal for all TMS circuits.
- 3.Keep the TMS >4 mm from MT6580 Co-TMS.
- 4.Keep-out all TMS circuits>0.5 mm away from the surrounding metal.
- 5.Do not place the TMS directly under the heat sources that on the opposite opposite side (i.e,CPU and PAs).
- 6.Keep all TMS routing away from high-speed and power traces.

Tx Output Port Mapping

Tx Port Name	GS4050/1900	FDD B5/B5/B5	Notes
TX_3GLB		✓	3G Path Only
TX_2GLB	✓	✓	2G Path Only or 3G Path Only or Multimode Path

Tx Port Name	GS4050/1900	FDD B1/B2/B3/B4 TDD B34/B39/B40	Notes
TX_3GHB1		✓	3G FDD Path or 3G TDD Path
TX_3GHB2		✓	3G FDD Path or 3G TDD Path
TX_2GHB	✓	✓	2G Path Only or 3G Path Only or Multimode Path



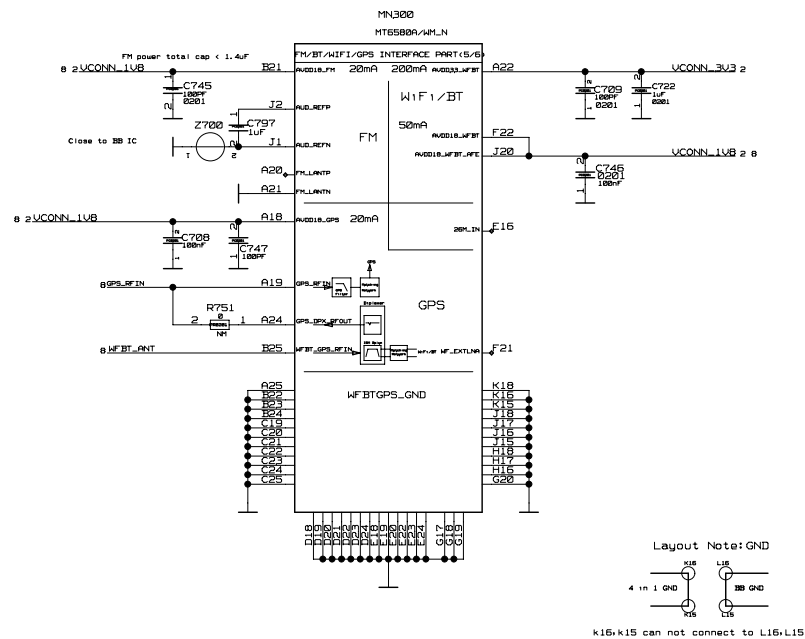
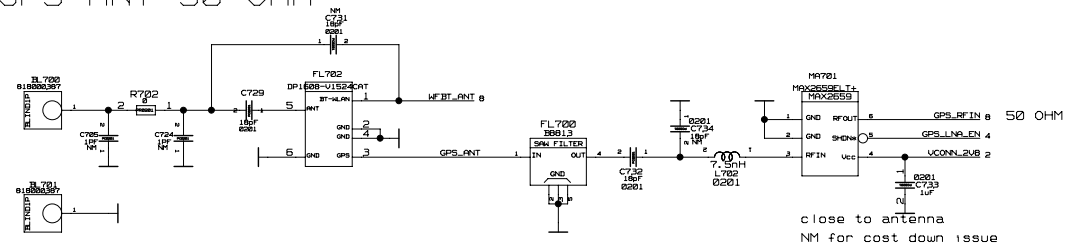
DRAWING:
BOARD W405 MM1 V01B
board W405 mm1 V01B
LAST_MODIFIED:Tue Jun 26 10:35:48 2018

ALL RIGHTS RESERVED.REPRODUCTION AND DISCLOSURE PROHIBITED

MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018
TITLE MT6580		Product Name SCHEMATIC BOARD		um05_mm1_v01b	
P. N.		FORMAT A2		PAGE/SHEET 7 /16	
VER.	DATE	DOCUMENT NUMBER		TYPE	PART
				VERS.	

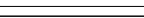


WFBTGPS ANT 50 OHM

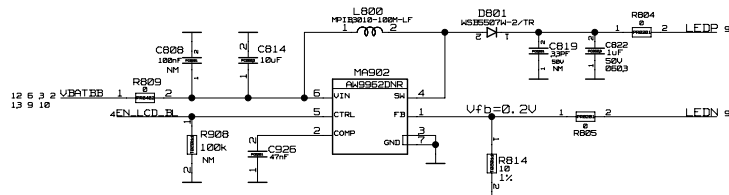


```
DRAWING:
  BOARD WM05 MMI U01B
  board wm05 mm1 u01b
LAST_MODIFIED=Tue Jun 26 10:36:48 2018
```

ALL RIGHTS RESERVED. REPRODUCTION AND DISCLOSURE PROHIBITED

MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018
TITLE	MT6580(WiFi/BT/GPS/VM)				
Product Name	SCHEMATIC BOARD wm65-mm1-v01b				
P. N.				FORMAT SIZE A2	PAGE / SHEET 8 / 16
VER.	DATE	DOCUMENT NUMBER		TYPE	PART

LCD White LED driver



8*1 serial LED
If=20mA, Vf=23.2V~26.4V

ALL RIGHTS RESERVED. REPRODUCTION AND DISCLOSURE PROHIBITED

[illegible]

The schematic diagram shows the AW3641DNR IC with the following connections and components:

- Pin 1 (VIN):** Connected to VBATBB.
- Pin 2 (C1):** Connected to VIN through capacitor CB25 (4.7µF).
- Pin 3 (C2):** Connected to VIN through capacitor CB27 (1µF).
- Pin 4 (FLASH):** Connected to 4EN_FLASH.
- Pin 5 (EN):** Connected to 9EN_TORCH through capacitor CB27 (1µF).
- Pin 6 (RSET):** Connected to ground through resistor RB27 (100k).
- Pin 7 (FB):** Connected to ground through resistor RB27 (100k).
- Pin 8 (PGND/SGND):** Connected to ground through resistor RB27 (100k).
- Pin 9 (FLASHN):** Connected to FLASHP through a diode DS802 and a resistor RB27 (100k).
- Pin 10 (VOUT):** Connected to FLASHP through a diode DS802 and a resistor RB27 (100k).
- Pin 11 (PADGND):** Connected to ground through resistor RB27 (100k).
- Pin 12 (13):** Connected to ground through resistor RB27 (100k).

Component values and specifications:

- Flash: $V_{fb} = 13.25 \text{ V/Rset}$
- Torch: $V_{fb} = 47 \text{ mV}$
- DS802: $I_f = 80 \text{ mA}$, $V_f = 3.0 - 3.6 \text{ V}$ at $I_f = 50 \text{ mA}$

SCH DRAWING A2

Title: Basenet Report
Design: um06_mmi_v01b
Date: Jun 26 10:37:10 2018

Base nets and synonyms for
um06_lib.mmi_v01b(um06_lib.um06_mmi_v01b(sch_1))
Base Signal Location(tZone)(dir)

1SIM_CLK 2C2 5A2
1SIM_IO 2C2 5A1
1SIM_RST 2C2 5A2
2SIM_CLK 2C2 5B2
2SIM_IO 2C2 5B1
2SIM_RST 2C2 5B2
3G_TRXB1 6A3 6B4
3G_TRXB2 6A3 6C4
3G_TRXB5 6A3 6C3
3G_TRXB6 6A3 6A4
A0 5A3 5A4
A1 5A3 5A4
A2 5A3 5A4
A3 5A3 5A4
A4 5A3 5A4
A5 5A3 5A4
A6 5A3 5A4
A7 5A3 5A4
A8 5A3 5A4
A9 5A3 5B4
AUD_CLK 3B3 4C3
AUD_MISO 3C3 4C3
AUD_MOSI 3C3 4C3
AUXADC_REF 2C2 7B2
AUXADC_TSX 2C1 7A2
AUX_IN0_NTC 4A3 4C4
AUIDD 2B1 3A3 3C3
BATSNS 2C2 2C3 2D3
CAMCLKB 4B3 9B1
CAMPDNB 4B3 9B1
CAMRSTB 4B3 9B1
CAM_IDB 4B1 9B1
CAM_SCLK 4B4 9B1
CAM_SDAT 4B4 9B1
CHG1V1_DM 2C2 4A1
CHG1V1_DP 2C2 4A1
CHG_LDO 2B3 2C3
CLK4_AUDIO 2B2 7B3
CLK32K 2C1 4C3
CPL_IN 6C2 6C2
CPL_OUT 6C2 6C2
CTOUCH_SHDN 10B4 4B3 10B4
CTP_SCLK 10C4 4B1 10B4
CTP_SDAT 10B4 4B1 10B4
D0 5A3 5A4
D1 5A3 5A4
D2 5A3 5A4
D3 5A3 5A4
D4 5A3 5A4
D5 5A3 5A4
D6 5A3 5A4
D7 5A3 5A4
D8 5A4 5B3
D9 5A4 5B3
D10 5A4 5B3
D11 5A4 5B3
D12 5A4 5B3
D13 5A4 5B3
D14 5A4 5B3
D15 5A4 5B3
D16 5B3 5B4
D17 5A4 5B3
D18 5A4 5B3
D19 5B3 5B4
D20 5B3 5B4
D21 5B3 5B4
D22 5B3 5B4
D23 5B3 5B4
D24 5B3 5B4
D25 5B3 5B4
D26 5B3 5B4
D27 5B3 5B4
D28 5B3 5B4
D29 5B3 5B4
D30 5B3 5B4
D31 5B3 5B4
DCS1600 6A3 6B4

DCX0_32K 2C1 7A3
DQM0 5B4 5D3
DQM1 5B4 5D3
DQM2 5B4 5D3
DQM3 5B4 5D3
DOS0 5B4 5C3
DOS0* 5B4 5C3
DOS1 5B4 5C3
DOS1* 5B4 5C3
DOS2 5B4 5D3
DOS2* 5B4 5D3
DOS3 5B4 5D3
DOS3* 5B4 5D3
DVDD12_EMI 3A1 5A2 5D2
3A1 2B1
DNL_REQ 4B1 12C2
ECLK 5B4 5C3
ECS0* 5B4 5C3
ECS1* 5B4 5C3
ED_CLK 5B4 5C3
ED_CLK* 5B4 5C3
EINT_CTP 10B4 4C3 10B4
EINT_HALL 4B3 10C2
EINT_NFC 4B1 12C2
EINT_PMU 2B2 4A3
EINT_SWCHG 2D3 4C3
EMMC_CLK 4B1 5C3
EMMC_CMD 4B1 5C3
EMMC_DAT0 4B1 5C3
EMMC_DAT1 4B1 5C3
EMMC_DAT2 4B1 5C3
EMMC_DAT3 4B1 5C3
EMMC_DAT4 4B1 5C3
EMMC_DAT5 4B1 5C3
EMMC_DAT6 4B1 5C3
EMMC_DAT7 4B1 5C3
EMMC_RST 4B1 5C3
EN_CHG 2D4 4C3
EN_FLASH 4B3 9C2
EN_LCD_BL 4B4 9C4
EN_NFC 4B1 12C3
EN_SAM_SV0 4B1 13A4
EN_TORCH 4C1 9C2 9D3
ESE_SPI_CLK 4A1 12C1
ESE_SPI_CS 4A1 12C1
ESE_SPI_MISO 4B1 12C1
ESE_SPI_MOSI 4A1 12C1
EVREF 5B4 5D3 5D3
FIX 2C4
FLASHN 9C1 9D2
FLASHP 9C1 9C2
FLY 10C4
GGE_PA_HBIN 6A2 7C4
GGE_PA_LBIN 6A2 7C4
GND_AUXADC 2C2 7B2
GND_VPROC_FB 2A1 3B1
GPIO2 12C1 12C2
GPS_ANT 8A3
GPS_LNA_EN 4C1 8A2
GPS_RF_IN 8A2 8C4
GSM900 6A3 6B4
ISENSE 2C2 2C3 2D3
KC0L0 4C1
KC0L1 4C1
LCD_ID 4A3 9B3
LCD_RSTB 4A4 9B3
LEDN 9B3 9C3
LEDP 9B3 9C3
LED_BLUE 2A1 10D3
LED_GREEN 2A1 10C3
LED_RED 2A1 10C3
LOUDSPKN0 3D3 11B4
LOUDSPKN0 3D3 11B4
LPT 4A4 9B3
MIPI_RCN 4A3 9A1
MIPI_RCP 4A3 9A1
MIPI_RDN0 4A3 9A1
MIPI_RDN1 4B3 9B1
MIPI_RDN2 4A3 9A1
MIPI_RDP1 4B3 9A1
MIPI_TCN 4B4 9B3
MIPI_TCP 4B4 9B3
MIPI_TDN0 4B4 9A3
MIPI_TDN1 4B4 9A3
MIPI_TDP0 4B4 9A3

MIPI_TDP1 4B4 9A3
NFC_CLK_REQ 4B3 12C2
PDET 6C1 7B4
PMU_SPI_CS 2B2 4A3
PMU_SPI_MISO 2B2 4A3
PMU_SPI_MOSI 2B2 4A3
PMU_SPI_SCK 2B2 4A3
PWRKEY 2B3 4C2
RESET_SAM 4B1 13C2
RFIC_CLK_NFC 7B3 12C3
RFIN_HB 6B1 6C1
RFOUT_HB 6B2 6B2 6C2
RFOUT_HBB1 6B2 6B3
RFOUT_HBB2 6C2 6C3
RFOUT_LB 6C2 6D2
RFOUT_LBB5 6C2 6D2
RFOUT_LBB9 6C3 6D2
RSET_SC1 13C1 13C4
RX902N 6B3 7B4
RX902P 6B3 7B4
RX1800N 6B3 7B4
RX1800P 6B3 7B4
RXD_SC1 13B1 13C3
RXIN_N 12B1 12B2
RXIN_P 12A2 12B1
SC1C6 5B1 13C4
SC1CLK 5B2 13C4
SC1DATA 5B1 13C4
SC1RST 5B2 13C4
SCVCC 5B1 5B2 13C4
SD_CLK 4B1 5C1
SD_CMD 4B1 5C1
SD_DAT0 4B1 5D1
SD_DAT1 4B1 5D1
SD_DAT2 4B1 5C1
SD_DAT3 4B1 5C1
SENSE_SCLK 2D4 4B1 10B1 12C2
SENSE_SDAT 2D4 4B1 10B1 12C3
SIM1_NFC_SWP1 5A1 12B1
SIM1_SCLK 2B2 4A3
SIM1_SIO 2B2 4A3
SIM2_SCLK 2B2 4A3
SIM2_SIO 2B2 4A3
SRCLKENA 2B2 4B3
SVDD_PWR_REQ 4B1 12C2
SYSRST* 2B2 4B3
TREF 2C1 2C3 2C4
TXD_SC1 13B1 13C3
TX_EN 6A2 7B3
TX_HB_SEL 6C2 7B3
TX_LB_SEL 6D2 7B3
TX_N 12A2 12B1
TX_P 12A2 12B1
TX_PWR_REQ 12C2 12C4
URXD1 4B2
URXD2 4B3 13B2
USB_DM 4A1 11C1
USB_DP 4A1 11C1
USB_DRV 2D4 4B3
USB_ID 4B3 11C2
UTXD1 4B2
UTXD2 4B3 13B2
VAPC 6A2 7C3
VBATB 2A3 2B4 2C4 3C3 6B1 6B2 6B2
6C1 9C2 9C3 9C4 10C3 12B3 12B4
13A4
6B1 6B2 6C2
2B4 2A3
2A3 2B4
2A3 2B4
2A3 2B4
2A3 2B4
6A2 7B3

ALL RIGHTS RESERVED.REPRODUCTION AND DISCLOSURE PROHIBITED

MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018
TITLE					
Product Name		SCHEMATIC BOARD um06_mmi_v01b			
P. N.		PAGE/SHEET 13 / 16			
VER. DATE		FORMAT A2	DOCUMENT NUMBER TYPE PART VERS.		

SCH DRAWING A2

VC1	6A2 7B3
VC2	6A2 7B3
VCAMA	2B1 9A1
VCAMD	2B1 9B1
VCAMIO	2B1 4B4 9B1
VCAM_AF	2B1 9B1
VCC1V8	13B3 13B3
VCC3V3	13B1 13B1 13B1 13B3 13B3 13B4
	13B4
VCDT	2B3 2C2
VCHG	2B3 2C4 11C2
VCHGIN	2C2 2C3
VCONN_1V8	2B1 8B3 8B4 8C4
VCONN_2V8	2B1 8A2
VCONN_3V3	2B1 8B3
VDD1V8	2B1 2B3 2D3 3A3 3A3 3B3 3B3
	3B3 3B3 4A1 4B1 4C4 5A2 5C2
	9B3 10A1 10A2 10A4 10B1 10B2
	10C2 12B3 13B2 13B2 13B2
	10C4 2B1 3A3 9B3 10B4
VDD2V8	
VDDK	3A1
VDDK_CORE	3A1
VDDUP	12B3
VEMMC_3V3	2B1 5B2
VGP1_2V8	2B1 6C2 6D2
VGP2_EFUSE	2C1 4B3
VIB	2A1
VM0	6C1 6C1 7B3
VM1	6B1 6C1 7B3
VMC	2B1 3A3
VMCH	2B1 5C1
VPROC	2A1 3A1
VPROC_FB	2A1 3B1
VREG	2C4 2D4
VRF1V8	2B1 7A3
VRTC	2B1
VSAM_5V0	13A3 13B4 13C4
VSIM1	2B2 5A2 12B1
VSIM1_NFC	5A2 12B1
VSIM2	2C2 5B2
VSYS	2A1 2A3
VTX0	2B1 7A2 7A3 7A3 7A3
VUSB	2B1 4A1
WAKEUP_REQ	4B1 12C2
WATCHDOG*	2B3 5B4
WBAND1_RXN	6C3 7A4
WBAND1_RXP	6C3 7A4
WBAND2_RXN	6D3 7A4
WBAND2_RXP	6D3 7A4
WBAND5_RXN	6C2 7A4
WBAND5_RXP	6C2 7A4
WBAND8_RXN	6D3 7B4
WBAND8_RXP	6D3 7A4
WFBT_ANT	8A3 8C4
WPA_HBLON	6C1 6C1 7B3
WPA_LBLON	6C1 7B3
W_PA_HBIN	6C1 7B4
W_PA_LBIN	6C1 7B4
XTAL1	12C2 12D3
XTAL2	12C2 12D3

ALL RIGHTS RESERVED.REPRODUCTION AND DISCLOSURE PROHIBITED

MODIFIED	NAME SCHEMATIC	DATE 18/9/2018	CHECKED	NAME SCHEMATIC	DATE 18/9/2018
TITLE			SageReal		
Product Name			SCHEMATIC BOARD um06_mmi_v01b		
P. N.			FORMAT A2		
VER.			DATE		
DOCUMENT NUMBER			TYPE		
PART			VERS.		

SCH DRAWING A2

Title: Cref Part Report
Design: um06_mmi_v01b
Date: Jun 26 10:37:10 2018

B.200 B.IND8P [2C1]
B.201 B.IND4P [2C1]
B.202 B.IND3P [2C1]
B.203 B.IND2P [2D1]
B.204 B.IND1P [2D1]
B.205 B.IND1P [2D1]
B.206 B.IND4P [2D1]
B.500 B.IND1P [6A4]
B.501 B.IND1P [6A4]
B.502 B.IND1P [6A4]
B.700 B.IND1P [6B4]
B.701 B.IND1P [6B4]
B.1008 B.IND1P [11A3]
B.1009 B.IND1P [11B3]
B.1500 FLANKFA_0651 [12A4]
BT100 BATTERIE [2B1]
C101 PC0402 [2B3]
C102 PC0201 [2C2]
C103 PC0603X5R [2C3]
C104 PC0201 [2C3]
C105 PC0201 [2C2]
C106 PC0201 [2C2]
C109 PC0603X5R [2A2]
C110 PC0201 [2A1]
C111 PC0201 [2A2]
C112 PC0201 [2A2]
C113 PC0201 [2A3]
C114 PC0603X5R [2A2]
C115 PC0201 [2B2]
C116 PC0201 [2B2]
C117 PC0201 [2B1]
C119 PC0603X5R [2C3]
C121 PC0603X5R [2B1]
C125 PC0201 [2C2]
C126 PC0201 [2C1]
C127 PC0201 [2B1]
C128 PC0201 [2B1]
C130 PC0201 [2B2]
C135 PC0201 [2B1]
C136 PC0402 [2B1]
C137 PC0603X5R [2A2]
C138 PC0201 [2B1]
C140 PC0201 [2B1]
C200 PC0201 [3C3]
C202 PC0201 [3B2]
C203 PC0201 [3A2]
C205 PC0201 [3B1]
C206 PC0201 [3A1]
C207 PC0402 [3C3]
C210 PC0201 [3B1]
C212 PC0201 [3A1]
C213 PC0201 [3C3]
C214 PC0201 [3A1]
C215 PC0201 [3B2]
C216 PC0201 [3B2]
C217 PC0201 [3B2]
C219 PC0402 [3A2]
C220 PC0201 [3B2]
C225 PC0402 [3A1]
C226 PC0201 [3B1]
C227 PC0201 [3A1]
C228 PC0603X5R [3B1]
C232 PC0201 [3C3]
C248 PC0201 [3D3]
C249 PC0201 [3D3]
C260 PC0201 [3A1]
C261 PC0201 [3A2]
C263 PC0201 [3A1]
C264 PC0201 [3A2]
C265 PC0201 [3B1]
C266 PC0201 [3A2]
C271 PC0201 [3A2]
C273 PC0201 [3A1]
C279 PC0201 [3A1]
C280 PC0201 [3B1]
C281 PC0603X5R [3A1]
C283 PC0603X5R [3B1]
C287 PC0201 [2D4]
C288 PC0201 [2D3]
C300 PC0201 [4A3]

C306 PC0402 [2D4]
C307 PC0201 [4A1]
C309 PC0201 [2C4]
C310 PC0603X5R [2C3]
C311 PC0201 [2D3]
C312 PC0201 [2C3]
C313 PC0201 [2D3]
C318 PC0201 [4A1]
C400 PC0201 [5D2]
C405 PC0201 [5A1]
C406 PC0201 [5A1]
C407 PC0201 [5B2]
C408 PC0201 [5B2]
C409 PC0201 [5A1]
C411 PC0201 [5B2]
C413 PC0201 [5A1]
C414 PC0201 [5B1]
C415 PC0402 [5C1]
C416 PC0402 [5B2]
C417 PC0201 [5B1]
C425 PC0201 [5A2]
C426 PC0402 [5A3]
C428 PC0402 [5A2]
C429 PC0201 [5A3]
C430 PC0201 [5A3]
C431 PC0201 [5A3]
C432 PC0201 [5A3]
C433 PC0201 [5C2]
C434 PC0402 [5B3]
C435 PC0201 [5C2]
C436 PC0402 [5B2]
C437 PC0201 [5B3]
C438 PC0201 [5B2]
C440 PC0201 [5D2]
C500 PC0201 [6A4]
C501 PC0402 [6B1]
C502 PC0201 [6A4]
C503 PC0201 [6A3]
C504 PC0201 [6A3]
C505 PC0201 [6B2]
C512 PC0201 [6B4]
C513 PC0201 [6B4]
C516 PC0201 [6B4]
C517 PC0201 [6B4]
C518 PC0201 [6B4]
C519 PC0201 [6B4]
C523 PC0201 [6A2]
C524 PC0201 [6A2]
C526 PC0201 [6C3]
C529 PC0201 [6C3]
C530 PC0402 [6C1]
C531 PC0201 [6B2]
C534 PC0201 [6C2]
C535 PC0201 [6D2]
C536 PC0201 [6C1]
C537 PC0201 [6D2]
C538 PC0201 [6C1]
C539 PC0201 [6C1]
C540 PC0201 [6C4]
C541 PC0201 [6D2]
C542 PC0201 [6D4]
C543 PC0201 [6C4]
C544 PC0201 [6D4]
C545 PC0201 [6D4]
C546 PC0201 [6C4]
C549 PC0201 [6B2]
C550 PC0201 [6C3]
C561 PC0201 [6A4]
C562 PC0603X5R [6B2]
C571 PC0201 [6B2]
C587 PC0201 [6C4]
C588 PC0201 [6C4]
C589 PC0201 [6C4]
C590 PC0201 [6C4]
C591 PC0201 [6C4]
C592 PC0201 [6B4]
C594 PC0201 [6C3]
C595 PC0201 [6C3]
C596 PC0201 [6C3]
C598 PC0201 [6B2]
C599 PC0201 [7A3]
C606 PC0201 [7A3]
C608 PC0201 [7A3]
C609 PC0201 [7B2]

C643 PC0201 [7A3]
C705 PC0201 [6A4]
C708 PC0201 [6C4]
C709 PC0201 [6B3]
C722 PC0201 [6B3]
C724 PC0201 [6A3]
C729 PC0201 [6A3]
C731 PC0201 [6A3]
C732 PC0201 [6A3]
C733 PC0201 [6B2]
C734 PC0201 [6A3]
C745 PC0201 [6B4]
C746 PC0201 [6C3]
C747 PC0201 [6C4]
C797 PC0201 [6B4]
C800 PC0603X5R [9A1]
C801 PC0201 [9B4]
C803 PC0201 [9B1]
C808 PC0201 [9C4]
C811 PC0201 [9B3]
C812 PC0201 [9B3]
C813 PC0201 [9B3]
C814 PC0603X5R [9C4]
C819 PC0201 [9C3]
C820 PC0402 [9A1]
C821 PC0201 [9B1]
C822 PC0603X5R [9C3]
C825 PC0402 [9C2]
C826 PC0201 [9C2]
C827 PC0201 [9C2]
C828 PC0603X5R [9C1]
C829 PC0201 [9C1]
C830 PC0201 [9D2]
C904 PC0201 [10B2]
C905 PC0201 [10B2]
C912 PC0201 [10C1]
C922 PC0402 [10B4]
C926 PC0201 [9C4]
C930 PC0201 [9B1]
C931 PC0201 [9B1]
C1020 PC0402 [11C2]
C1035 PC0201 [10C1]
C1038 PC0201 [2B1]
C1102 PC0201 [11A4]
C1105 PC0201 [11B4]
C1106 PC0201 [11B4]
C1500 PC0603X5R [12C3]
C1501 PC0603X5R [13A3]
C1502 PC0201 [13B4]
C1503 PC0201 [13B4]
C1504 PC0201 [13B4]
C1505 PC0201 [13C4]
C1506 PC0201 [13B3]
C1507 PC0201 [13B3]
C1508 PC0201 [13B3]
C1509 PC0201 [13B3]
C1510 PC0201 [13C3]
C1511 PC0201 [13C4]
C1512 PC0201 [13C3]
C1513 PC0201 [13C3]
C1523 PC0603X5R [13A3]
C1524 PC0603X5R [13A3]
C1525 PC0402 [13B4]
C1530 PC0603X5R [13A4]
C1558 PC0603X7R [12A4]
C1559 PC0603X7R [12A4]
C1560 PC0402 [12C3]
C1561 PC0402 [12B3]
C1562 PC0402 [12B3]
C1569 PC0201 [12A3]
C1570 PC0201 [12A3]
C1571 PC0201 [12A3]
C1572 PC0201 [12B3]
C1574 PC0201 [12A3]
C1575 PC0201 [12A3]
C1576 PC0201 [12A3]
C1577 PC0201 [12A3]
C1578 PC0201 [12A3]
C1579 PC0201 [12A3]
C1581 PC0201 [12A3]
C1582 PC0201 [12A3]
C1583 PC0201 [12B2]
C1585 PC0402 [12B3]
C1586 PC0201 [12B3]
C1587 PC0201 [12C1]

C1588 PC0201 [12B2]
C1589 PC0201 [12B2]
C1590 PC0201 [12B3]
C1591 PC0201 [12D3]
C1592 PC0201 [12D3]
C1593 PC0201 [12B1]
C1595 PC0402 [12C1]
C1596 PC0201 [12C2]
C1597 PC0603X5R [12C4]
C1598 PC0603X5R [12C3]
C1599 PC0402 [12C1]
C5147 PC0201 [5B1]
C5148 PC0201 [5A1]
CR101 PTVSHC3N4U5B [2C4]
CR102 DIODE [2B4]
CR103 DIODE [2C4]
CR105 DIODE [2C3]
CR200 DIODE [2C4]
CR404 DIODE [5B2]
CR405 DIODE [5B2]
CR406 DIODE [5B2]
CR407 DIODE [5B1]
CR408 DIODE [5B1]
CR501 DIODE [6B2]
CR901 DIODE [9D2]
CR910 DIODE [10D3]
CR911 DIODE [10D3]
CR912 DIODE [10D2]
CR1005 DIODE [11C2]
CR1006 DIODE [11C1]
CR1007 DIODE [11C1]
CR1105 DIODE [11A3]
CR1106 DIODE [11B3]
CR1200 DIODE [12C4]
CR1500 DIODE [12A4]
CR1501 DIODE [12A4]
D801 DIODE [9C3]
DS802 LED [9C1]
DS922 LEDRIG [10C2]
FL500 BALUN FILTER [6B4]
FL501 FILTSAW8P [6B4]
FL502 FILTSAW8P [6C4]
FL505 FILTSAW8P [6C3]
FL508 FILTSAW8P [6C3]
FL700 FILTSAW5 [6A3]
FL702 DP1608-V1524CAT [6A3]
J200 CONN4PS [2C4]
J308 CONN5P2FS [4C1]
J400 2S1ML_TFLASH2 [5B1, 5A1, 5D1]
J601 TSTCOAXS [6A4]
J805 CONN27PS [9A2]
J901 CONN5P2FS [10B3]
J908 CONN23PS [9B4]
J1101 CONN9PS [11C2]
L101 SELFCHS [2A1]
L102 SELFCHS [2A1]
L300 SELFCHS [2D3]
L500 SELFCHS [6B4]
L503 SELFCHS [6B3]
L504 SELFCHS [6D3]
L505 SELFCHS [6B3]
L506 SELFCHS [6B3]
L507 SELFCHS [6D3]
L510 SELFCHS [6D3]
L512 SELFCHS [6D3]
L514 SELFCHS [6D3]
L515 SELFCHS [6D3]
L518 SELFCHS [6C3]
L519 SELFCHS [6D4]
L521 SELFCHS [6C4]
L524 SELFCHS [6B4]
L526 SELFCHS [6B3]

MODIFIED	NAME	DATE	CHECKED	NAME	DATE
	SCHEMATIC	18/9/2018		SCHEMATIC	18/9/2018
TITLE					
Product Name					
P. N.					
FORMAT					
A2					
DOCUMENT NUMBER					
TYPE					
PART					
VER.					
DATE					

SageReal 伊路德

15 / 16

SCH DRAWING A2

L527	SELF CMS	{6B3}
L528	SELF CMS	{6B3}
L539	SELF CMS	{6C4}
L540	SELF CMS	{6D4}
L541	SELF CMS	{6C4}
L543	SELF CMS	{6B4}
L550	SELF CMS	{6C3}
L551	SELF CMS	{6C3}
L555	SELF CMS	{6C3}
L556	SELF CMS	{6C3}
L557	SELF CMS	{6C3}
L558	SELF CMS	{6C3}
L559	SELF CMS	{6C3}
L563	SELF CMS	{6D4}
L564	SELF CMS	{6C4}
L600	SELF CMS	{7B4}
L702	SELF CMS	{8A2}
L800	SELF CMS	{9C4}
L1103	SELF CMS	{11B4}
L1104	SELF CMS	{11B4}
L1500	SELF CMS	{13A4}
L1571	SELF CMS	{12A3}
L1572	SELF CMS	{12A3}
L1573	SELF CMS	{12B4}
M1002	VIAREUR	{2B1}
MA305	FANS400	{2D3}
MA501	SKY77758	{6C2}
MA504	RF7241	{6B2}
MA505	MXD8625C	{6C2}
MA509	MXD8625C	{6D2}
MA603	SKY7759X	{6A3}
MA701	MAX2659	{8A2}
MA902	OCPL178	{9C4}
MA1500	AKJ3610	{13A3}
MA1501	AK9564	{13C3}
MN100	MT6323	{2B2}
MN100	MT6323	{3C4}
MN300	MT65X0	{3B2}
MN300	MT65X0	{4B3 4B2}
MN300	MT65X0	{5B4}
MN300	MT65X0	{7B4}
MN300	MT65X0	{8C3}
MN400	EMMCDDR3_L221	{5B3}
MN900	BHA220	{10B1}
MN1002	HALL6P	{10C1}
MN1500	PN553	{12C2}
Q702	BC847BF	{9D2}
Q1500	MOSNMVT3	{13B2}
Q1501	MOSNMVT3	{13B2}
Q1502	MOSNMVT3	{13C2}
R100	PR0201	{2C3}
R101	PR0201	{2B3}
R102	PR0201	{2B3}
R103	PR0201	{2B3}
R104	PR0201	{2C2}
R105	PR0201	{2C1}
R107	PR0201	{2C3}
R108	PR0402	{2B2}
R113	PR0402	{2A1}
R114	PR0201	{2B1}
R217	PR0201	{2D3}
R220	PR0201	{2D4}
R221	PR0201	{2D4}
R222	PR0201	{2D4}
R223	PR0201	{2D4}
R301	PR0201	{4B4}
R302	PR0201	{4B4}
R303	PR0201	{4B4}
R304	PR0201	{4B1}
R305	PR0201	{4B1}
R308	PR0402	{4C1}
R309	PR0402	{4C1}
R312	PR0201	{4C4}
R331	PR0201	{4A1}
R337	PR0201	{4B1}
R338	PR0201	{4B1}
R341	PR0201	{4A3}
R342	PR0201	{4C3}
R400	PR0201	{5D2}
R401	PR0201	{5D2}
R403	PR0201	{5B3}
R404	PR0201	{5B4}
R405	PR0201	{5B3}
R428	PR0201	{5A2}
R429	PR0201	{5A2}

R430	PR0201	{5B2}
R431	PR0201	{5B2}
R432	PR0201	{5B2}
R433	PR0201	{5B2}
R434	PR0201	{5B2}
R435	PR0201	{5B2}
R436	PR0201	{5B1}
R437	PR0201	{5B1}
R438	PR0201	{5B1}
R439	PR0201	{5B1}
R500	PR0201	{6A4}
R501	PR0201	{6A4}
R502	PR0201	{6C2}
R503	PR0201	{6A2}
R504	PR0201	{6A3}
R505	PR0201	{6A2}
R507	PR0201	{6A2}
R510	PR0201	{6A2}
R517	PR0201	{6D2}
R518	PR0201	{6C1}
R520	PR0201	{6A2}
R521	PR0201	{6A2}
R522	PR0201	{6A2}
R523	PR0201	{6B2}
R530	PR0201	{6A2}
R531	PR0201	{6A2}
R533	PR0201	{6A2}
R534	PR0201	{6A2}
R535	PR0201	{6C1}
R538	PR0201	{6C1}
R554	PR0201	{6C2}
R555	PR0201	{6C2}
R556	PR0201	{6C1}
R557	PR0201	{6C1}
R558	PR0201	{6B2}
R608	PR0201	{7B4}
R613	PR0201	{7B2}
R614	PR0201	{7B2}
R615	PR0201	{7A2}
R702	PR0201	{8A3}
R718	PR0402	{9C2}
R751	PR0201	{8C4}
R801	PR0201	{9B4}
R802	PR0402	{9A1}
R804	PR0201	{9C3}
R805	PR0201	{9C3}
R806	PR0201	{9B2}
R807	PR0201	{9C2}
R808	PR0201	{9C1}
R809	PR0402	{9C4}
R810	PR0402	{9C1}
R814	PR0201	{9C3}
R907	PR0201	{9D3}
R908	PR0201	{9C4}
R910	PR0201	{10A4}
R923	PR0201	{9D3}
R924	PR0603	{9C1}
R925	PR0603	{9C1}
R1020	PR0402	{11C1}
R1021	PR0402	{11C1}
R1022	PR0402	{11C2}
R1500	PR0402	{12B3}
R1501	PR0201	{12C2}
R1502	PR0201	{12C1}
R1503	PR0201	{13C4}
R1504	PR0201	{13C4}
R1506	PR0201	{13C3}
R1513	PR0201	{13B2}
R1514	PR0201	{13B2}
R1515	PR0201	{13B2}
R1516	PR0201	{13B2}
R1517	PR0201	{13C2}
R1518	PR0201	{13C2}
R1530	PR0201	{13B4}
R1531	PR0201	{13C4}
R1532	PR0402	{13C4}
R1573	PR0201	{12A3}
R1574	PR0201	{12A3}
R1575	PR0201	{12A3}
R1576	PR0201	{12A3}
R1578	PR0201	{12C3}
R1579	PR0201	{12C3}
R1580	PR0201	{12C2}
R1581	PR0201	{12C2}
R1582	PR0201	{12A3}

R1583	PR0201	{12B3}
R1584	PR0201	{12C2}
R1585	PR0201	{12C2}
R1586	PR0201	{12C2}
R1599	PR0201	{12B3}
R1600	PR0201	{12C4}
RT205	DIODE	{4D1}
RT309	CTN	{4C4}
RT921	DIODE	{10B4}
RT922	DIODE	{10B4}
RT923	DIODE	{10B3}
RT924	DIODE	{10B3}
RT925	DIODE	{10B3}
RT1004	DIODE	{11C2}
TP101	POINTEST	{2B4}
TP102	POINTEST	{2B3}
TP103	POINTEST	{2B4}
TP104	PLOT	{2A1}
TP200	POINTEST	{2C4}
TP301	PLOT	{4B3}
TP302	PLOT	{4B3}
TP304	POINTEST	{4C1}
TP900	PLOT	{10B4}
TP901	PLOT	{10B4}
TP902	PLOT	{10B4}
TP903	PLOT	{10C4}
TP904	PLOT	{10C4}
TP905	PLOT	{10C4}
TP1002	POINTEST	{11C2}
TP1004	POINTEST	{11C1}
TP1005	POINTEST	{11C1}
TP1006	POINTEST	{11B3}
TP1007	POINTEST	{11B3}
TP1008	POINTEST	{11C2}
TP1500	PLOT	{12C2}
TP1501	PLOT	{12C2}
TP1502	PLOT	{12C3}
TP1503	PLOT	{12C2}
TP1504	PLOT	{12C2}
U800	SP6586	{9C2}
U1501	PC9410A	{12C3}
Y600	QUARTZ4P	{7B3}
Y1500	QUARTZ4P	{12D3}
Y1501	QUARTZ4P	{13C3}
Z101	ETOILE2	{2B4}
Z103	ETOILE2	{2B4}
Z104	ETOILE2	{2B4}
Z105	ETOILE2	{2B4}
Z106	ETOILE2	{2C1}
Z107	ETOILE2	{2A3}
Z110	ETOILE2	{2C3}
Z111	ETOILE2	{2C3}
Z200	ETOILE2	{3C3}
Z201	ETOILE2	{3C3}
Z202	ETOILE2	{3C3}
Z203	ETOILE2	{3C3}
Z204	ETOILE2	{3B1}
Z205	ETOILE2	{3B1}
Z210	ETOILE2	{3A1}
Z211	ETOILE2	{3A1}
Z502	ETOILE2	{6A4}
Z700	ETOILE2	{6B4}

MODIFIED	NAME	DATE	CHECKED	NAME	DATE
	SCHEMATIC	18/9/2018		SCHEMATIC	18/9/2018
TITLE				SageReal	
Product Name				SCHEMATIC BOARD um06_mmi_v01b	
P. N.				PAGE/SHEET 15 / 16	
FORMAT				DOCUMENT NUMBER	
A2				TYPE PART VERS.	
VER. DATE				SCH DRAWING A2	

ALL RIGHTS RESERVED.REPRODUCTION AND DISCLOSURE PROHIBITED