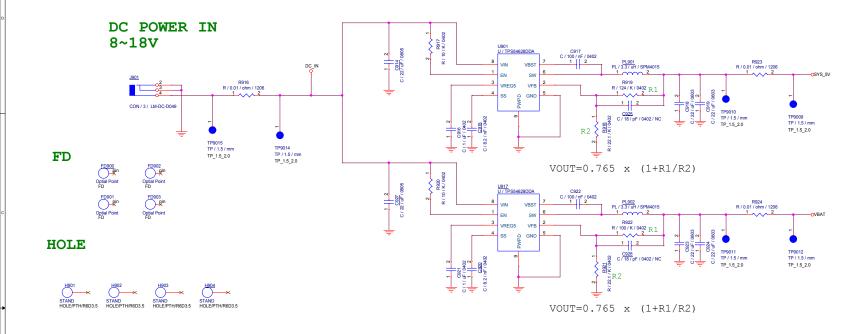
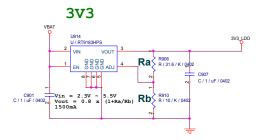


Date	Category	Item						
2016.01.13	General	Preliminary release						
2016.01.15	General	1. [Power] Change PL901 and PL902 to 3.3uH / SPM4015.						
		2. [ME] Add FD900, FD901, FD902, FD903, H901, H902, H903, H904.						
2016.01.29	General	1. [DSI] Change DSI-0 to HS IO expansion and remove DSI-1.						
		2. [CSI] Change CSI-2 to CSI-1.						
		3. [GPIO] Move GPIOs on DPI interface to BPI_BUS.						
		4. [HDMI] Change ADV7533 to SiI9024A.						
		5. Modify block diagram.						
		6. [Power] Remove U1002~U1004, U916,U918,U919, U2302.						
		7. [CLK] Remove U3202.						
		8. [Audio] Remove U6101.						
		9. [Memory] Change eMMC to 8GB, DDR to 16Gb.						
		10. [Connector] Change CON70001 to 55510-140LF.						
		11. [Charging] Remove pulse charger and battery connector.						
		12. [RTC] Remove GB2001.						
		13. [Debug] Change CON9001 to NC.						
2016.02.18	General	1. [HDMI] Change HDMI to MT8193.						
2016.02.26	General	1. [Passive] Remove CE901, D6402.						
		2. [USB] Modify symbols of U6402, U6403.						
		3. [Connector] Change J901 to LM-DC-D049; Remove J903, J904.						
2016.03.01	General	1. [Connsys] Change U5002 from ACPF-7124 to DEA162450BT-1288B2.						
2016.03.14	General	1. [HDMI] Update U6502 MT8193 PCB Footprint; Updata Q6501, Q6502 Symbol; ADD TP6505, TP6506.						
		2. [Connsys] NC R5061, Add R5001, R5002, U5001.						
2016.03.15	General	1. [Connsys] ADD CON5005, CON5006, R5071, R5072, R5073, R5074.						
2016.03.23	General	1. [Connsys] Change ANT5001 To chip ANT ANT016008LCD2442MA1, Change CON5005,CON5006 to MM5829-2700RJ4.						
2016.05.31	General	1. [KEY_LED_EXT26M] Add SW3204,SW3205,D3201,D3202,R3225,R3226.						
		2. [Connsys] Update U5001 SCH symbol.						
		3. [SD Card] Swap pin 1 and 2 of ESD4104,ESD4105,ESD4106,ESD4107,ESD4108,ESD4109.						
2016.06.07	General	1. [USB] Add switch between USB device and USB hub						
		2. [Camera] Change CSI-1 from 2*2-lane mode to 4-lane mode US_Change_Notice WTK Confidential Dut: Wednesday, Jure 68, 2016 Sheet 05 of 99						

Common EVB features





Variant Name>

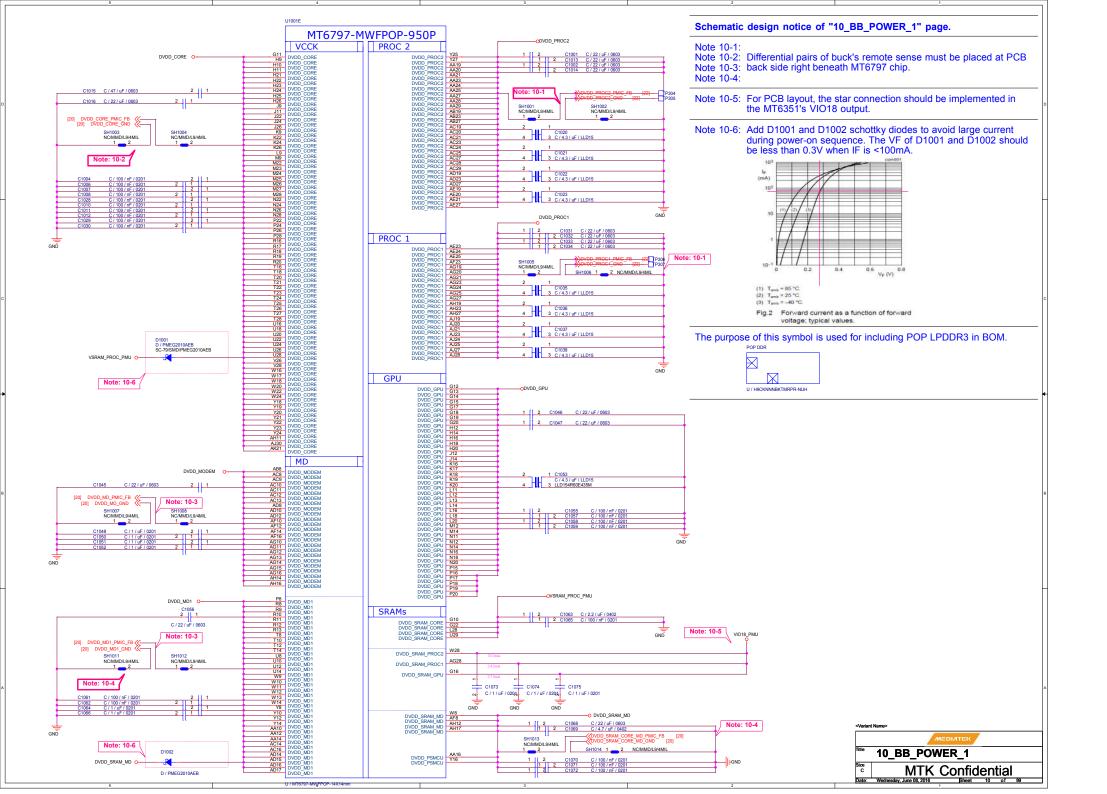
MEDIATEK

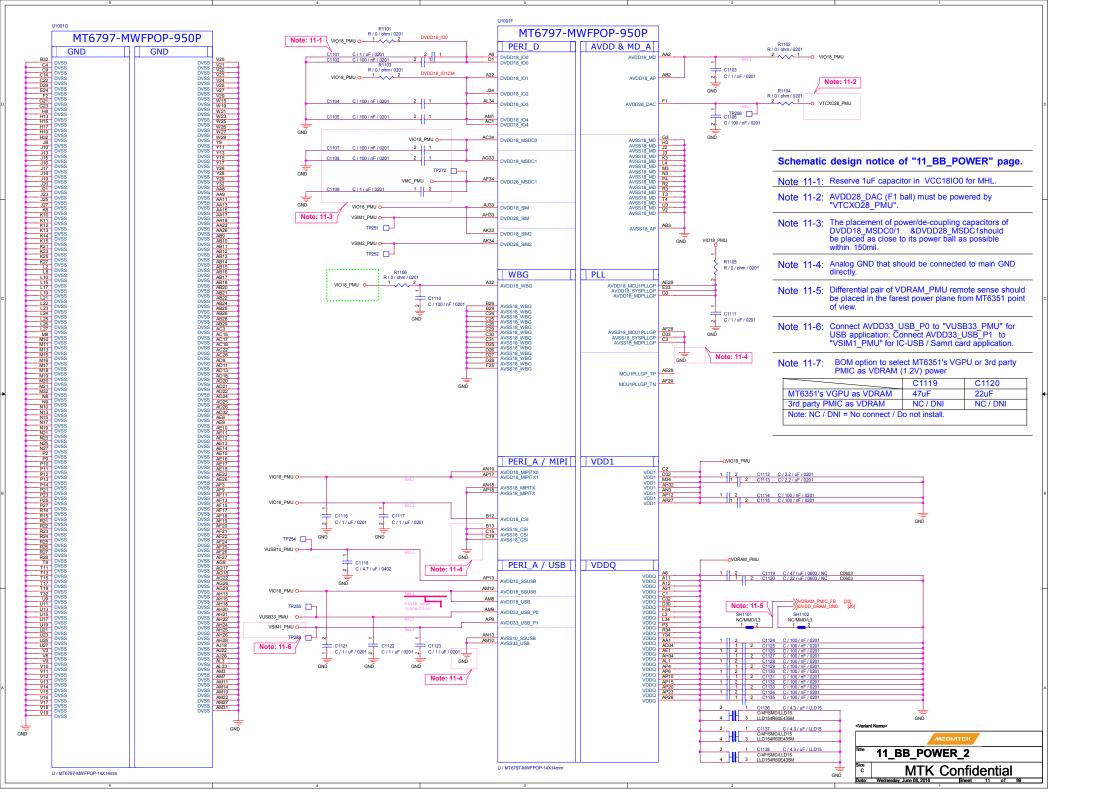
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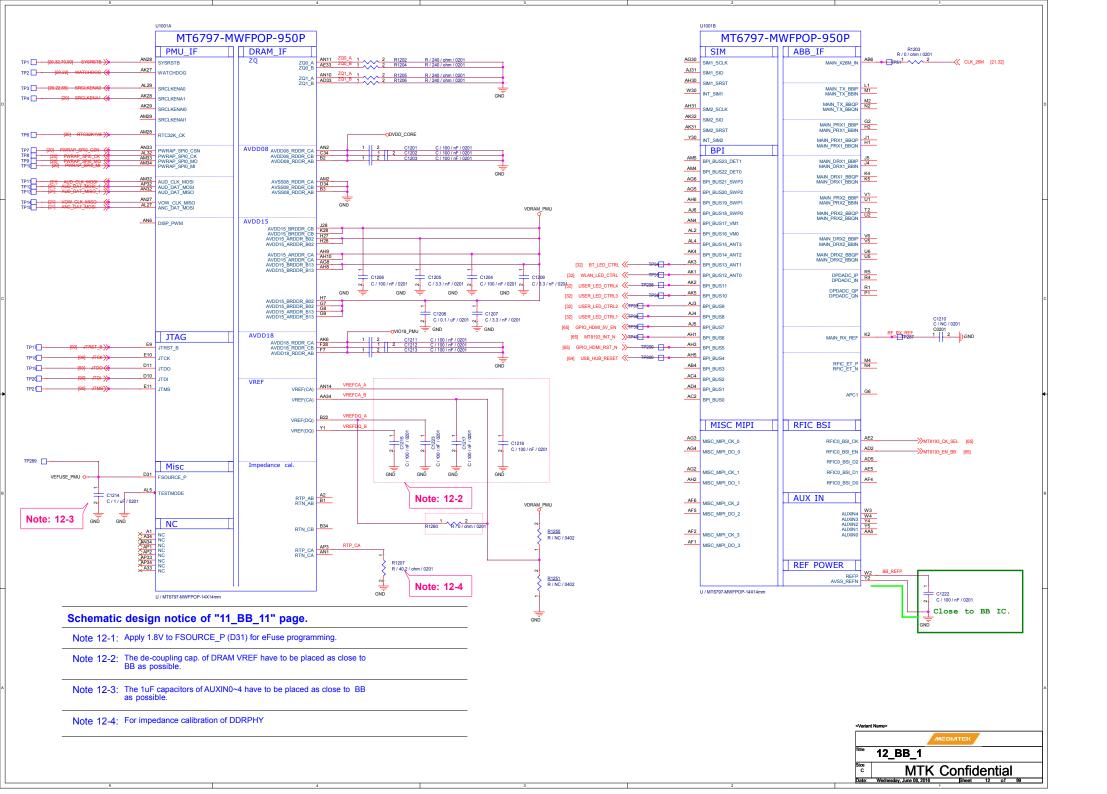
09_Common_LDO_Power

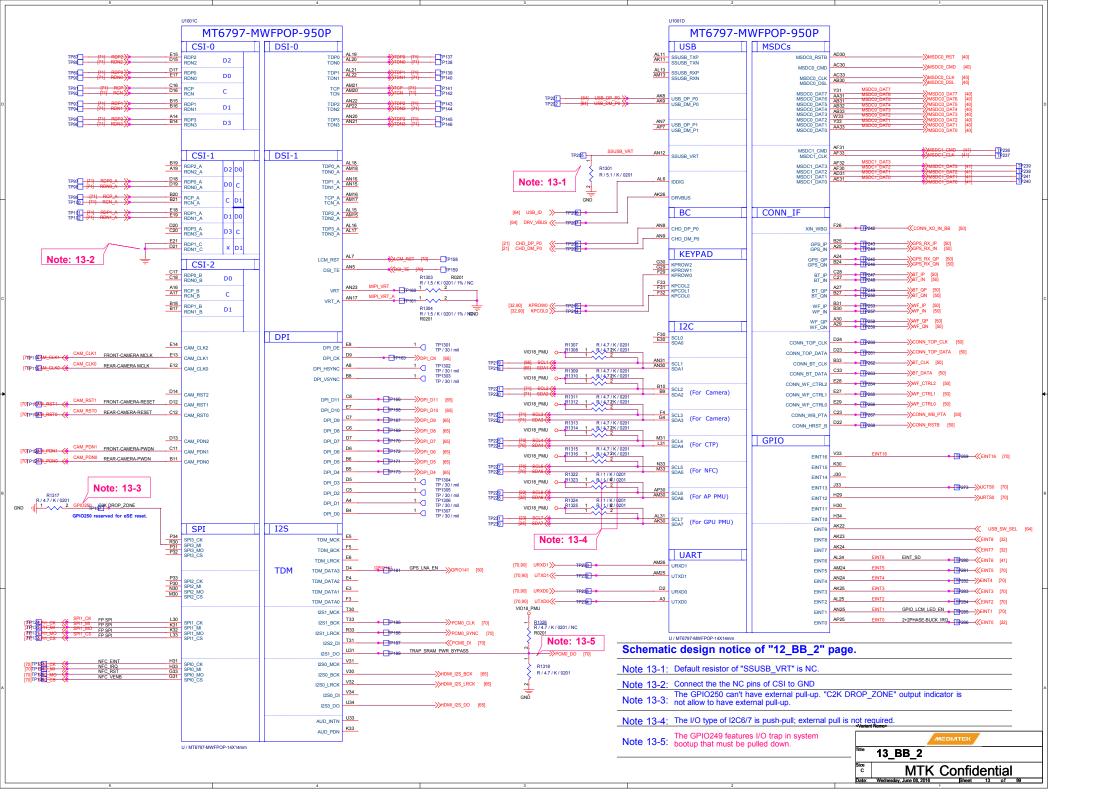
C MTK Confidential

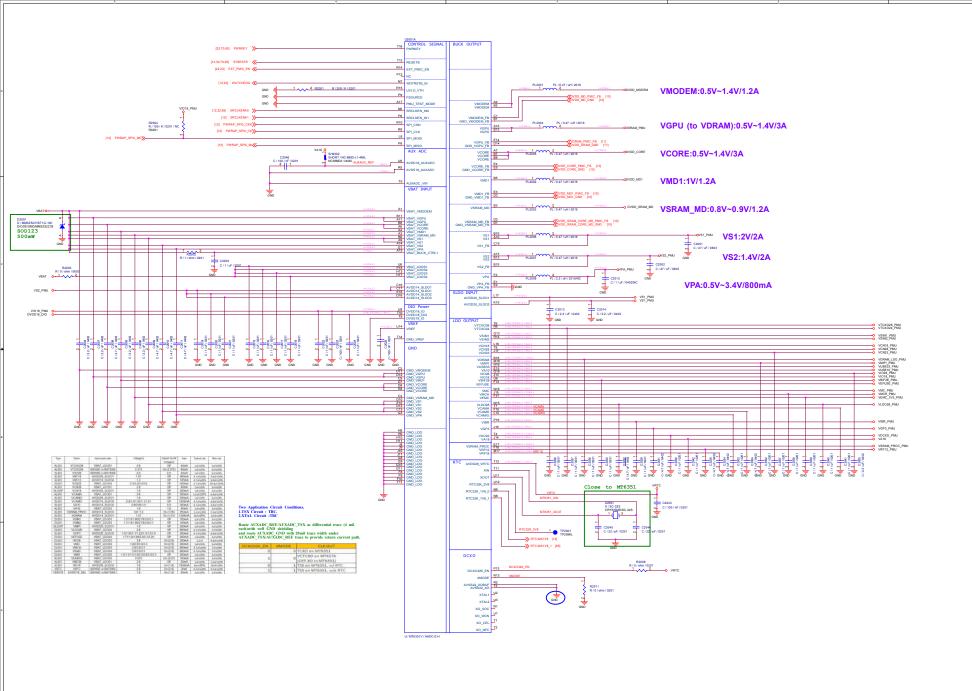
Date: Wednesday to 87 776 Ninet 08 07 08



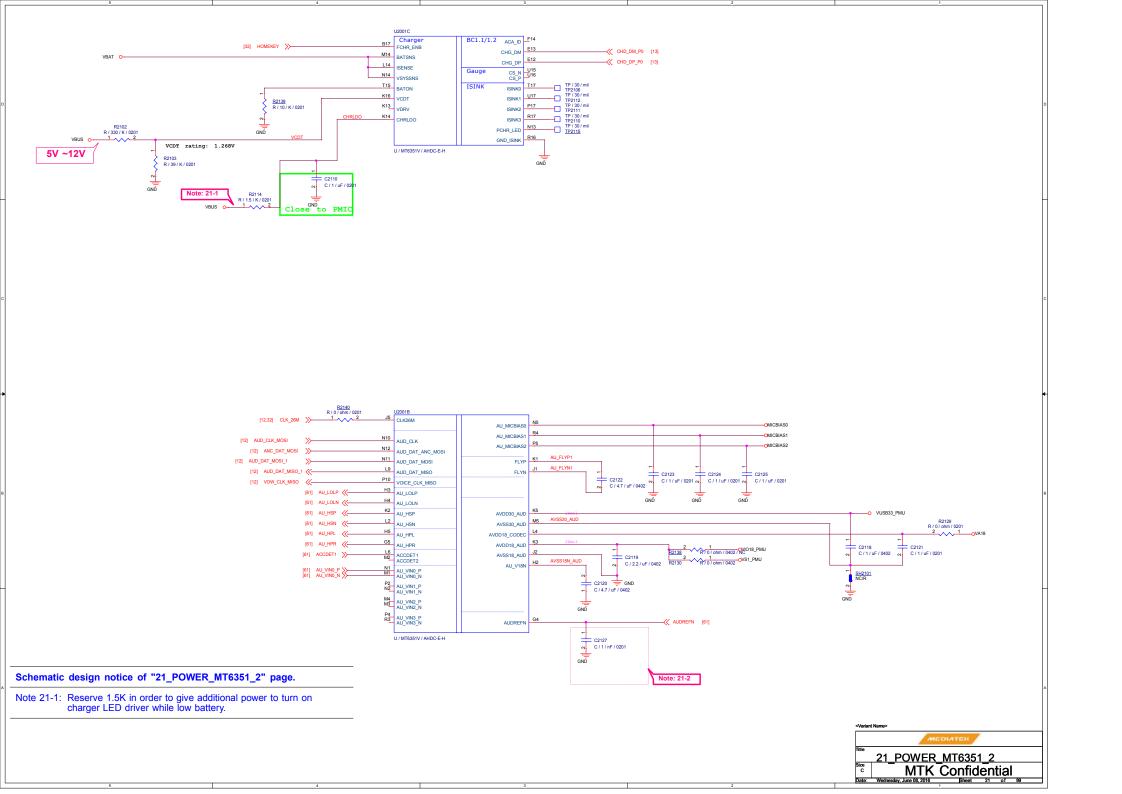






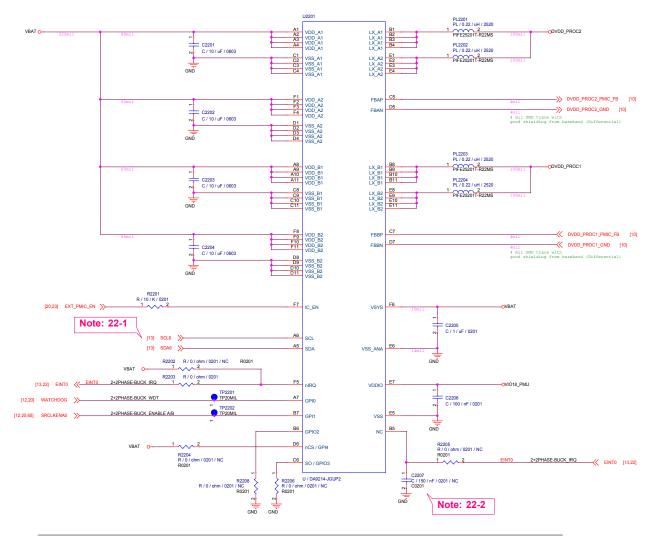






VPROC Buck

MT6313 / 2+2Phase Buck I2C address: 0X6B (Write:0xD6, Read:0xD7) DA9214 / 2+2Phase Buck I2C address: 0X68 (Write:0xD0, Read:0xD1)



Schematic design notice of "22_POWER_VPROCs" page.

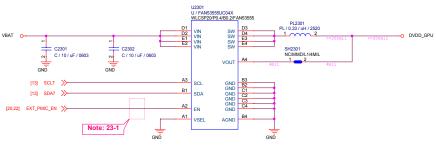
Note 22-1: Buck EN is controlled by SRCLKEN0 or I2C

Note 22-2: BOM option of 2+2 phase buck

	R2202	R2203	R2204	R2205	R2206	R2208	C2207			
DA9214	NC / DNI	0-ohm	NC / DNI	NC / DNI	NC / DNI	NC / DNI	150nF / NC			
2nd source	0-ohm	NC / DNI	0-ohm	0-ohm	0-ohm	0-ohm	NC / DNI			
NC / DNI = No connect / Do not install.										

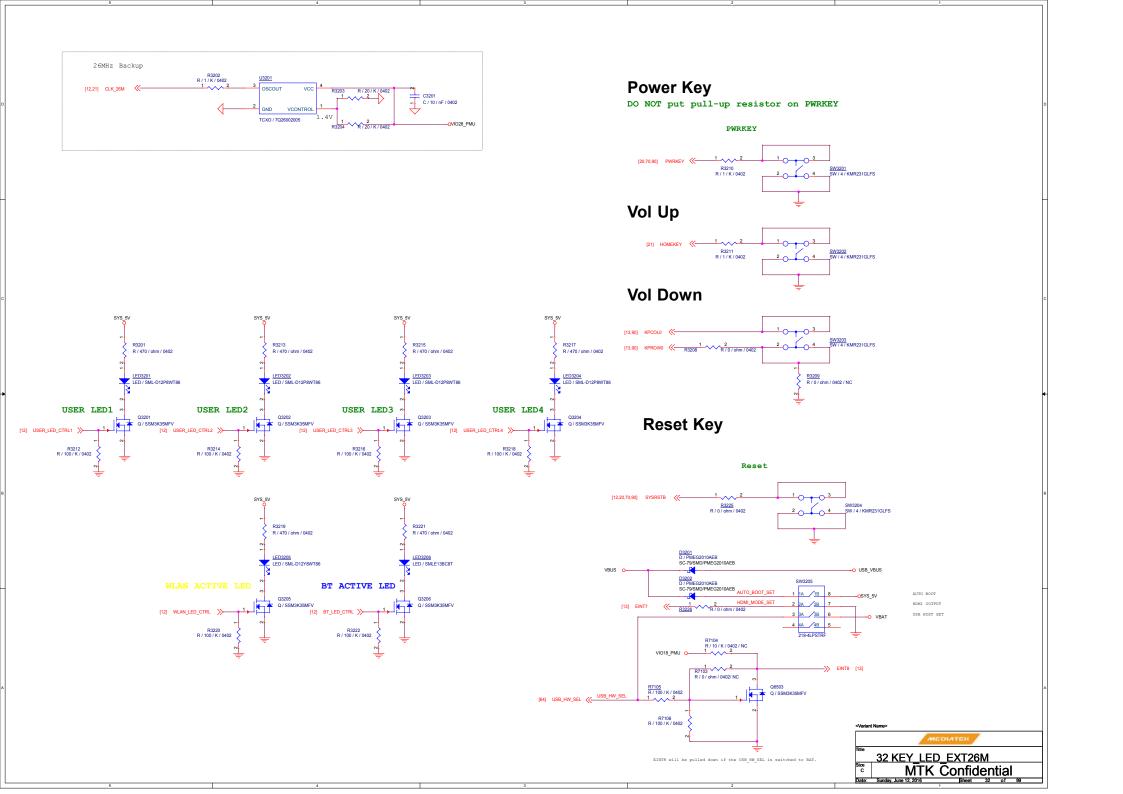
Buck for VGPU

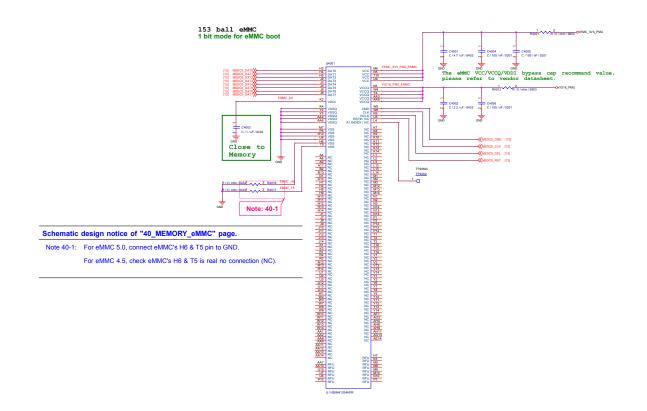
FAN53200 / Buck I2C address: 0X60 (Write:0xC0, Read:0xC1)



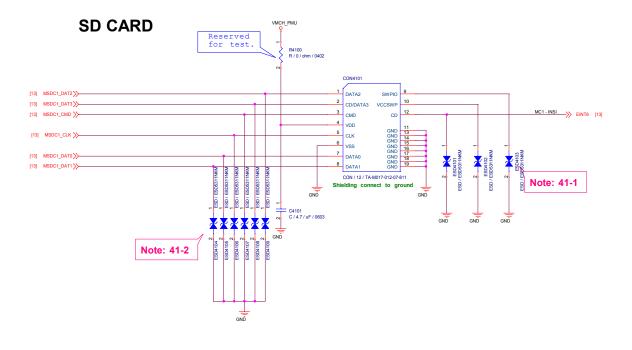
Schematic design notice of "23_POWER_VGPU_VM" page.

Note 23-1: FAN53200's EN pin is driven by MT6351.









Schematic design notice of "41_MEMORY_SD Card" page.

Note 41-1: The equivalent capacitance of ESD protection device must be <=1pF -- otherwise it will result in NFC card mode function fail.

Note 41-2: Depends on system design to add ESD protection componemt or not.

Title 41_MEMORY_SD Card
Size MTK Confidential
Date: Wednesday, June 08, 2018 Sheet 41 of 99

