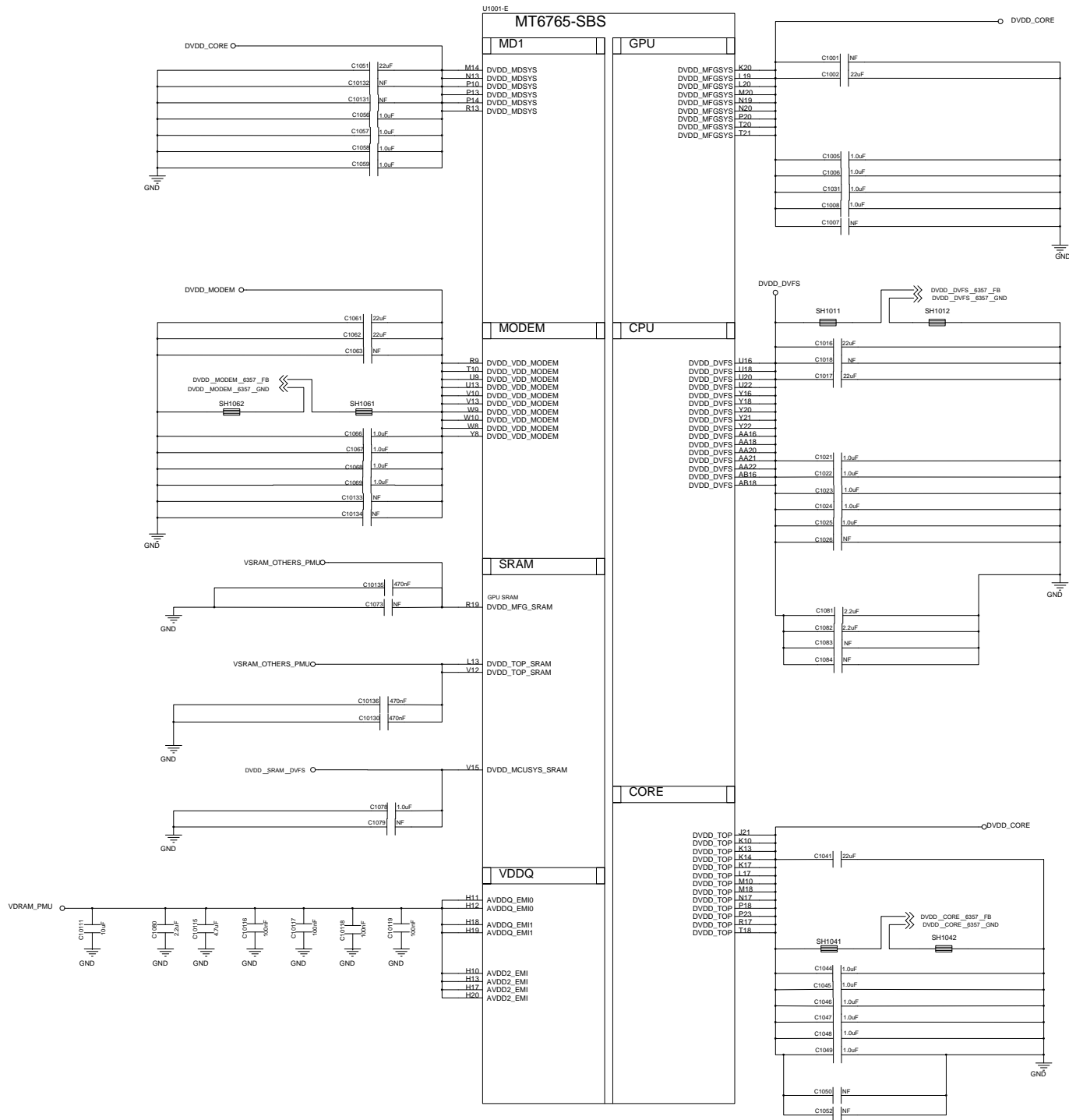


# MT6765 (SBS)

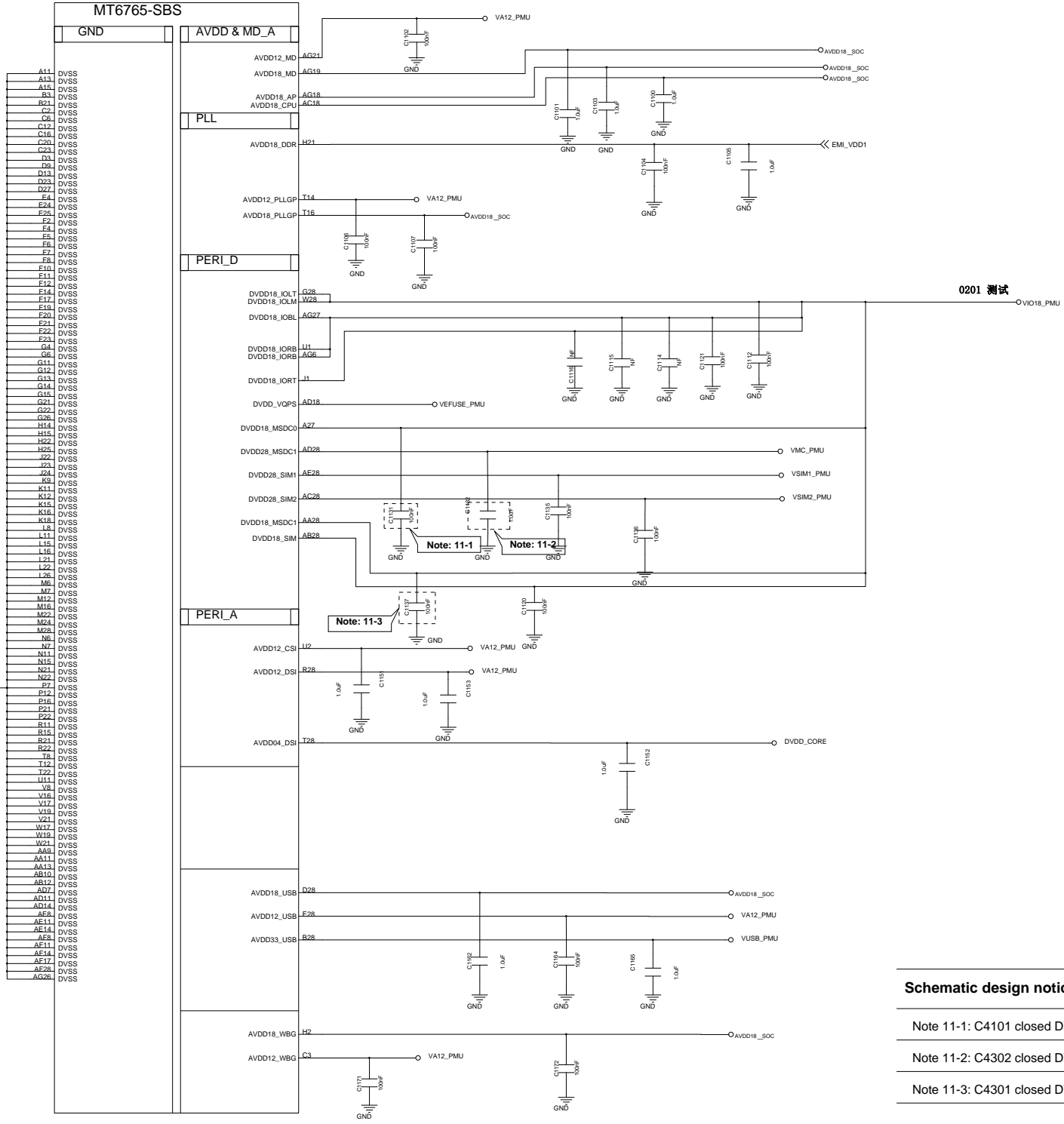
I2C	Sub SYS	Function	Part Number	I2C Spec.		i2C Slave Address / Write / Read (7-bit mode)	
I2C-0	AP	Cap Touch controller	GT1151	400 Kbps		0x5D	Write:0xBA / Read:0xBB
I2C-1 (I3C)	AP Sensor Hub	Magnetic Sensor	AK09918C	400 Kbps		0x0C	Write:0x18 / Read:0x19
		Ambient Light Sensor	CM36558	400 Kbps		0x51	Write:0xA2 / Read:0xA3
		Proximity Sensor					
		Pressure Sensor	BMP280	400 Kbps		0x77	Write:0xEE / Read:0xEF
I2C-2 (I3C)	AP	Rear Camera	IMX230	400 Kbps		0x1A	Write:0x34 / Read:0x35
			EEPROM	400 Kbps		0x50	Write:0xA0 / Read:0xA1
			AF driver	400 Kbps		0x0C	Write:0x18 / Read:0x19
I2C-3	AP	Audio Smart PA	RT5510	400 Kbps		0x34	Write:0x68 / Read:0x69
		NFC	ST21NFCD	400 Kbps		0x08	Write:0x10 / Read:0x11
I2C-4 (I3C)	AP	Front Camera	S5K2T7	400 Kbps		0x2D	Write:0x5A / Read:0x5B
			EEPROM	400 Kbps		0x52	Write:0xA4 / Read:0xA5
			AF driver=NA				
I2C-5	AP	Sub-PMIC	MT6371 PMU	3.4 Mbps		0x34	Write:0x68 / Read:0x69
			MT6371 PD	3.4 Mbps		0x4E	Write:0x9C / Read:0x9D
I2C-6	AP						

Note : I2C Spec. : Standard mode (100 kbps) and Fast mode (400 kbps), Fast mode Plus (1 Mbps) and High-speed mode (3.4 Mbps)

Date	Category	Item
2017.11.24 (V0.1)	Page 05	V0.1 Release
2017.12.7 (V0.2)	Page 11	Change power of AVDD18_DDR(H21) from VIO18_PMU to EMI_VDD1, connecting EMI_VDD1 to SH2102 in star connection
	Page 12	Add Note 12-5
	Page 21	Add SH2102 for star connection among EMI_VDD1, AVDD18_SOC, and VIO18_PMU
	Page 22	
	Page 44	<ol style="list-style-type: none"> <li>1. Change C2304 from C / 1 / uF / 10V to C / 1 / uF / 6.3V</li> <li>2. Change R2301 from R / 1.5 / K to R / 7.5 / K</li> <li>3. Update L22D3 power off sequence, change C4422 from 0.1uF to 2.2uF, and change C4423 from 0.1uF to 1uF</li> </ol>
	Page 51	<ol style="list-style-type: none"> <li>2. Change VDD1 power of eMCP from VIO18_PMU to EMI_VDD1, fulfilling power rail in star connection</li> <li>1. Add 2nd source plan for U5004</li> <li>2. Add Note 51-3 and Note 51-4</li> </ol>



### MT6765-SBS



0201 测试

Note: 11-1: C4101 closed DVDD18\_MSDC0 150mil

Note: 11-2: C4302 closed DVDD28\_MSDC1 150mil

Note: 11-3: C4301 closed DVDD18\_MSDC1 150mil

#### Schematic design notice of "11\_BB\_POWER\_IO" page.

Note 11-1: C4101 closed DVDD18\_MSDC0 150mil

Note 11-2: C4302 closed DVDD28\_MSDC1 150mil

Note 11-3: C4301 closed DVDD18\_MSDC1 150mil