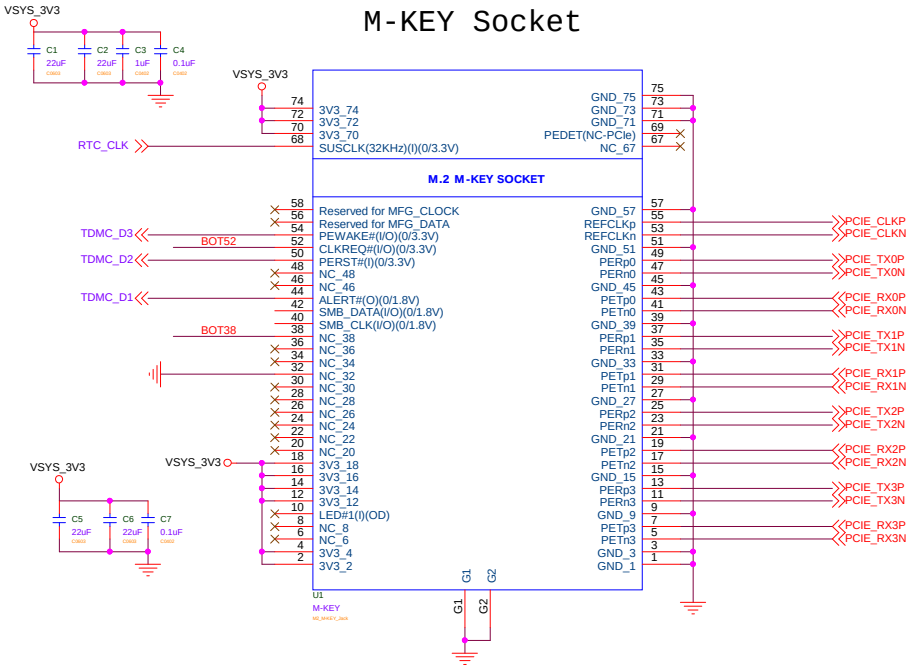
M-KEY Socket



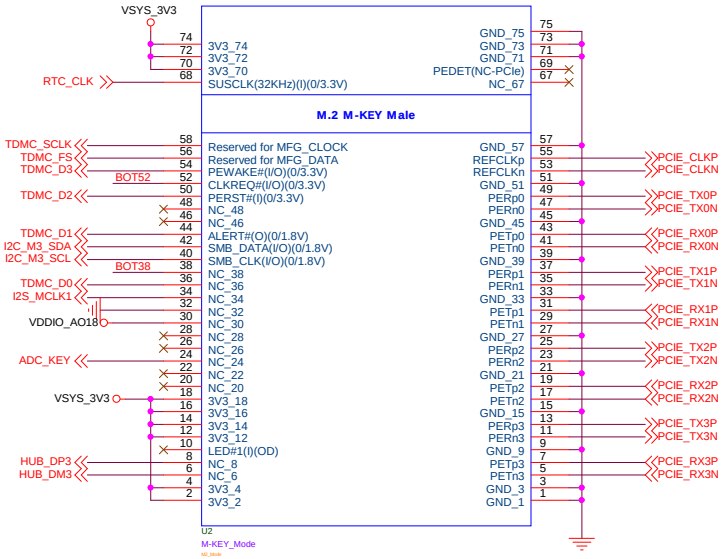
EDGE-V	VIM3
58:I2C1_SCL	58:TDMC_SCLK
56:I2C1_SDA	56:TDMC_FS
54:GPIO0_A2	54:TDMC_D3
52:GND	52:GND
50:GPIO1_A3	50:TDMC_D2
48:MCU_PA1	48:NC
46:NC	46:NC
44:GPIO1_A4	44:TDMC_D1
42:I2C2_SDA	42:I2C_M3_SDA
40:I2C2_SCL	40:I2C_M3_SCL
38VCC3C3_PCIE	38VSYS_3V3
36:GPIO4_C4	36:TDMC_D0
34:NC	34:I2S_MCLK1
32:GND	32:GND
30:1V8	30:1V8
28:GPIO1_A0	28:MDI_RXP
26:GPIO0_B2	26:MDI_RXN
24:GPIO0_B3	24:ADC_KEY
22:GPIO0_B4	22:MDI_TXP
20:GPIO0_B1	20:MDI_TXN
18:3V3	18:3V3
16:3V3	16:3V3
14:3V3	14:3V3
12:3V3	12:3V3
10:NC	10:NC
8:I2S1_LRCK_TX	8:HUB_DP3
6:NC	6:HUB_DM3

Both:
Purple: PCI-E usage

VIM3:
Blue: 1.8V (others: 3.3V)

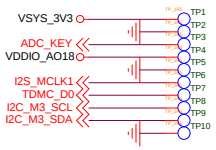
Edge-V:
Red: 3.3V (others: 1.8V)

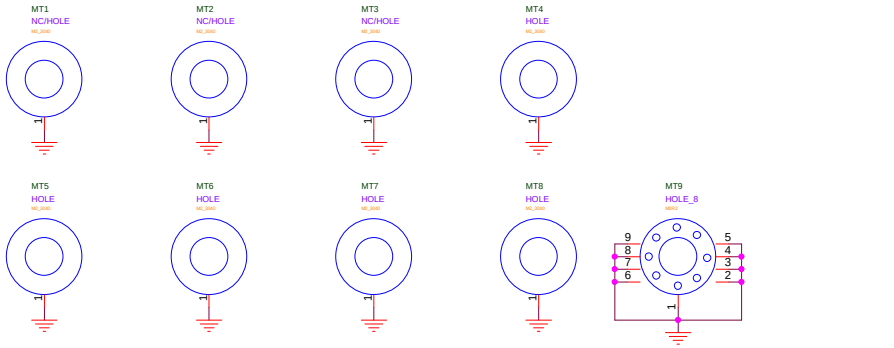
SBC



EDGE-V	VIM3
1:.3.3V	1:.3.3V
2:GND	2:GND
3:GPIO0_B3	3:ADC_KEY
4:1.8V	4:1.8V
5:GND	5:GND
6:NC	6:I2S_MCLK1
7:GPIO4_C4	7:TDMC_D0
8:I2C2_SCL	8:I2C_M3_SCL
9:I2C2_SDA	9:I2C_M3_SDA
10:GND	10:GND

Both:
Blue: 1.8V (others: 3.3V)





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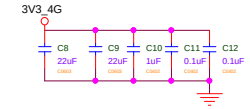
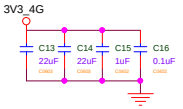
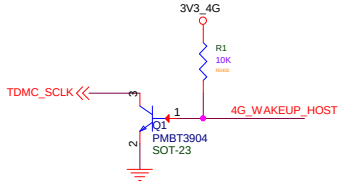
POWER

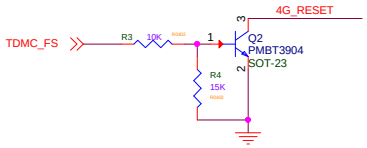






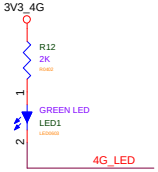
EDGE-V	VIM3
58:I2C1_SCL 56:I2C1_SDA	58:TDMC_SCLK 56:TDMC_FS

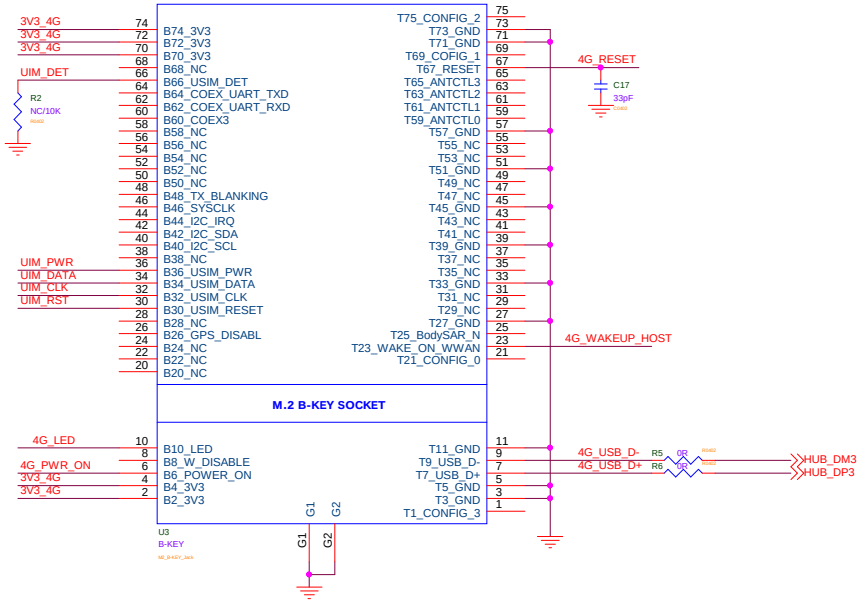
When this pin active low,4G module wake up the host



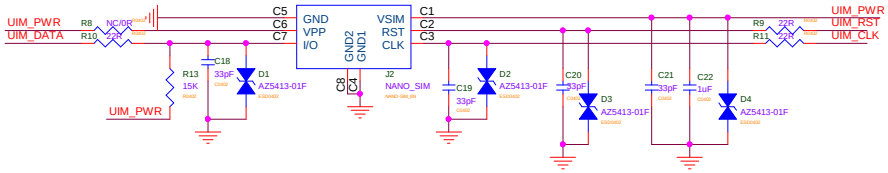
When this pin active high,4G module will be reset.
Normal : active low

Normal:powered on automatically





Nano SIM card



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