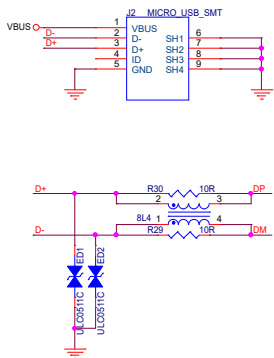
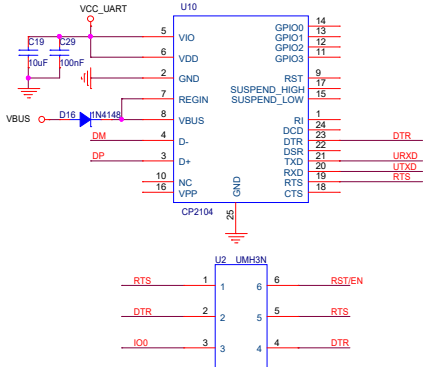


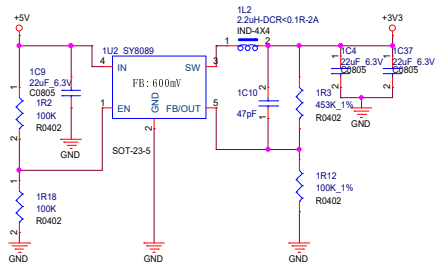
USB



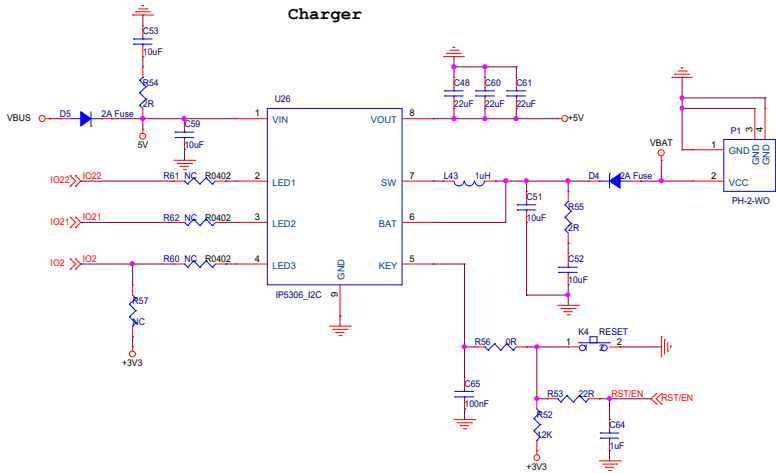
UART



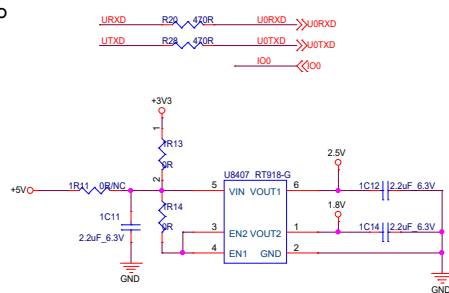
DC/DC 3.3V



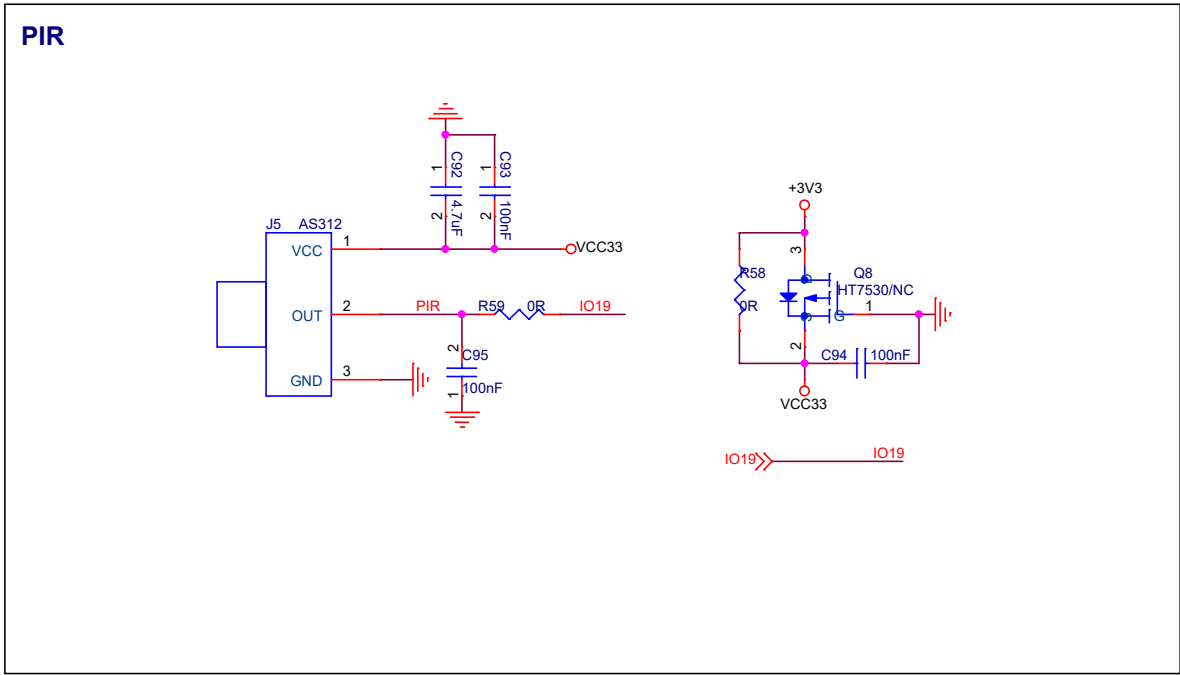
Charger



LDO

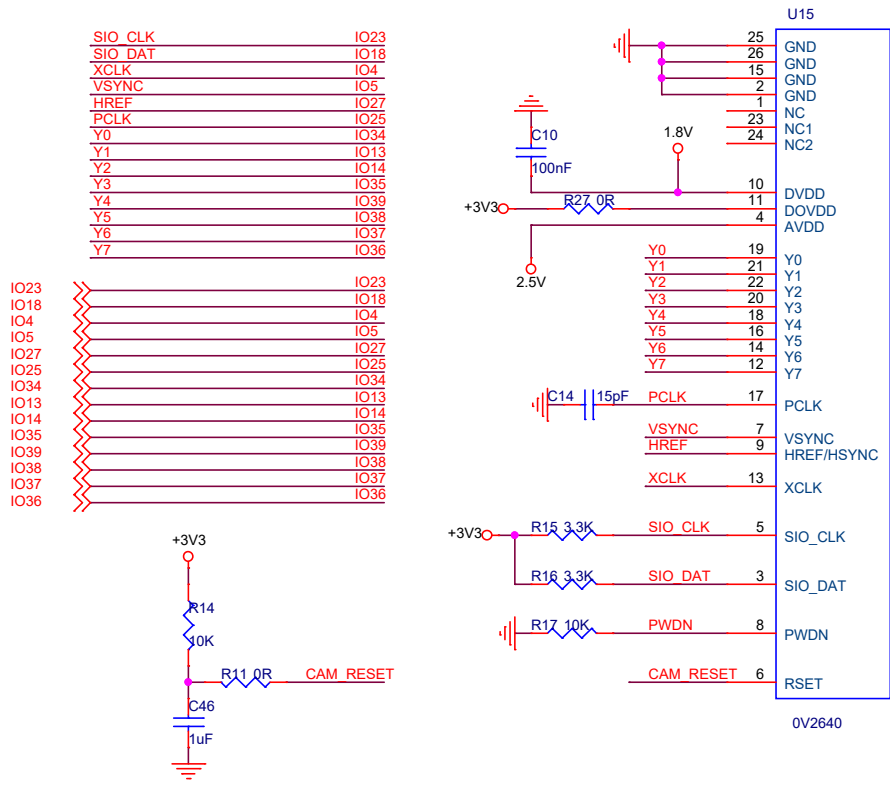


Title			
OV2640_V1.6.2			
Size	Document Number		Rev
B	POWER		1.6.2
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Title		
OV2640_V1.6.2		
Size	Document Number	Rev
A	2.PIR	1.6.2
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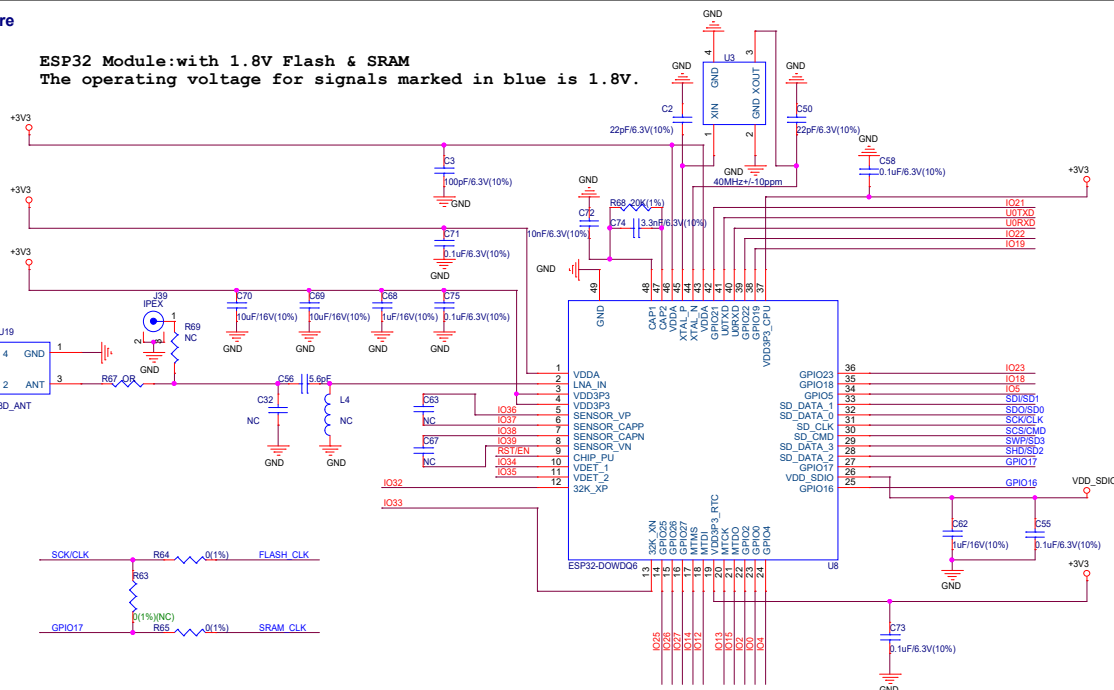
Camera



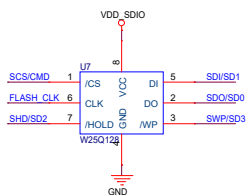
Title		
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Size	Document Number	Rev
A	4.OV2640	1.6.2
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Core

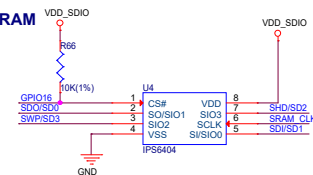
ESP32 Module:with 1.8V Flash & SRAM
The operating voltage for signals marked in blue is 1.8V.



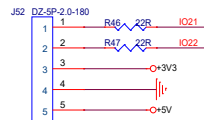
FLASH



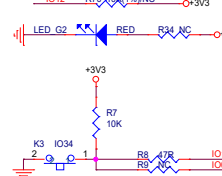
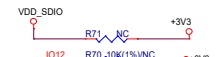
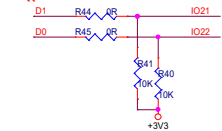
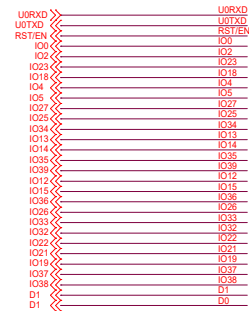
PSRAM



Connector



LED/KEY



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Rev 1.6.2

IO26

IO32

IO33

U21 MSM261S4030H0R

DMIC I2S SCK 6

DMIC I2S WS 3

DMIC I2S SDO 7

L/R 5

VDD 8

EN 4

NC 2

GND 1

R74 33R(5%)

R75 33R(5%)

R76 33R(5%)

R73 100K(5%)

R80 10K(1%)

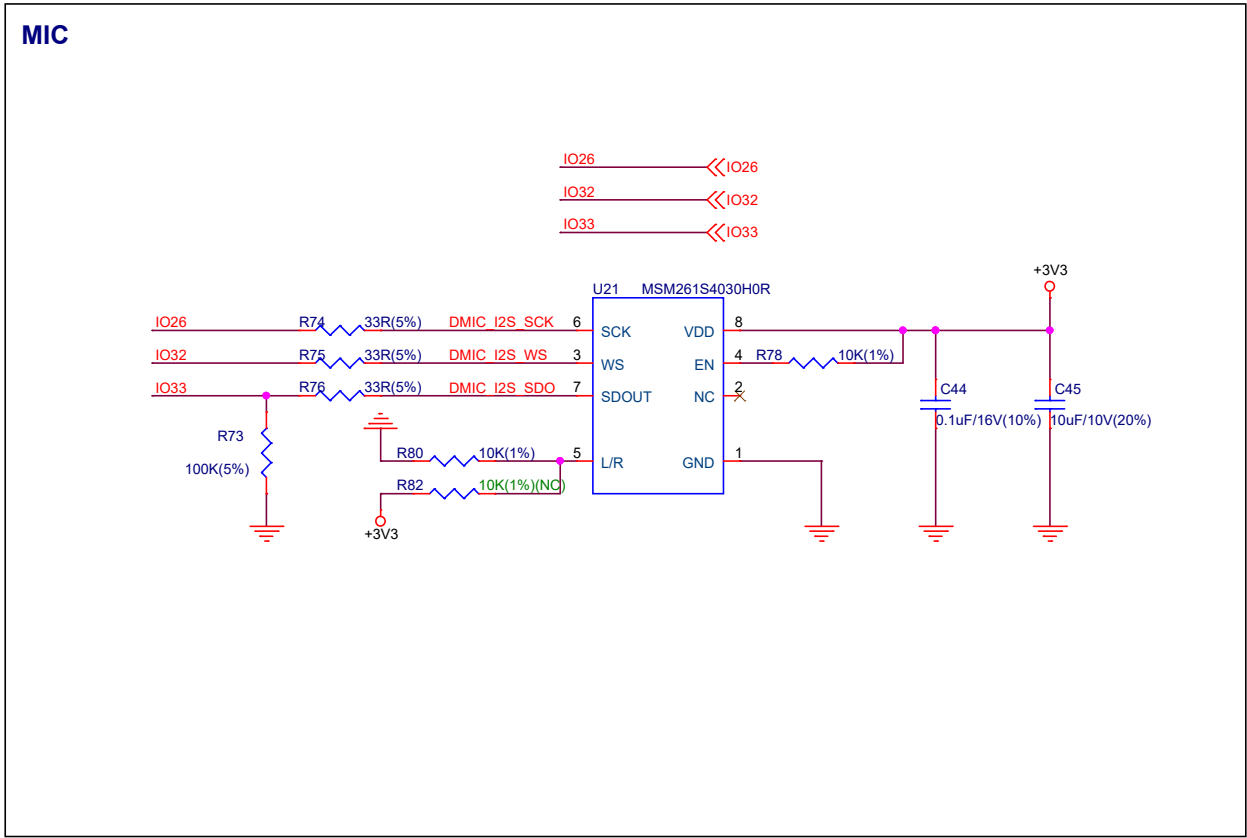
R82 10K(1%)(NC)

R78 10K(1%)

C44 0.1uF/16V(10%)

C45 10uF/10V(20%)

+3V3



Title			
OV2640_V1.6.2			
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