



SSD1309 OLED display (SPI)	ESP-WROOM-32	MAX3421E USB host controller			
128 x 64 pixel, work between 3.3V - 5V, SPI mode Controlled via software SPI	Most dev kit with ESP-WROOM-32 could be used. I use limited pins on Wemos D1.	*1 connection between VCC and VBUS is separated by pattern cut *2 Marking on board has error (CLK and MOSI are exchanged)			
print on board	function	print on board	function	print on board	function
GND	ground	GND	ground	GND	ground
VCC	3.3 - 5V in	3V3	3.3v out	VCC	3.3v in
SCL	SPI clock	IO22	GPIO22		
SDA	SPI MOSI	IO16	GPIO16		
RES	reset	RST	reset 2.2uF capaciter between ground	MAX_RST	reset
DC	data/command	IO26	GPIO26		
CS	chip select	IO21	GPIO21		
		VCC	5V	VBUS (*1)	5V to USB
		IO18	hw SPI:SCK	CLK (*2)	SPI MOSI
		IO19	hw SPI:MISO	MISO	SPI MISO
		IO23	hw SPI:MOXI	MOSI (*2)	SPI clock
		IO5	hw SPI:CS0	SS	chip select
		IO17	GPIO17	INT	

