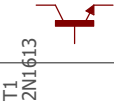


Pmod Oled		
CS	1	Bluepill pin PA0
MOSI	2	Bluepill pin PA7
NC	3	
SCLK	4	Bluepill pin PA5
GND	5	Bluepill pin GND
VCC	6	Bluepill pin VCC
D/C	7	Bluepill pin PA1
RES	8	Bluepill pin PA2
VBATC9	9	Bluepill pin GND
VDCC	10	Bluepill pin GND
GND	11	NC
VCC	12	NC

IC1		STM32F103			
	1	3V8	3.3V	40	R2R pin 6
	2	PC13	GND2	39	R2R pin 5
	3	PC14	+5V	38	
	4	PC15	PB9	37	
Oled pin 01	5	PA0	PB8	36	R2R pin 10
Oled pin 07	6	PA1	PB7	35	R2R pin 9
Oled pin 08	7	PA2	PB6	34	R2R pin 8
	8	PA3	PB5	33	R2R pin 7
	9	PA4	PB4	32	R2R pin 4
Oled pin 04	10	PA5	PB3	31	R2R pin 3
	11	PA6	PA15	30	
Oled pin 02	12	PA7	PA12	29	
R2R pin 1	13	PB0	PA11	28	Saída porta OR
R2R pin 2	14	PB1	PA10	27	Saída porta OR
	15	PB10	PA9	26	Shift Register pin 13
	16	PB11	PA8	25	Shift Register
	17	RESET	PB15	24	pin 10 e 11
Oled pin 06	18	+3.3V	PB14	23	
Oled pin 09 e 10	19	GND	PB13	22	
Oled pin 05	20	GND1	PB12	21	



Pmod R2R	
1	Bluepill pin B0
2	Bluepill pin B1
3	Bluepill pin B3
4	Bluepill pin B4
5	Bluepill pin GND
6	Bluepill pin VCC
7	Bluepill pin B5
8	Bluepill pin B6
9	Bluepill pin B7
10	Bluepill pin B8
11	NC
12	NC