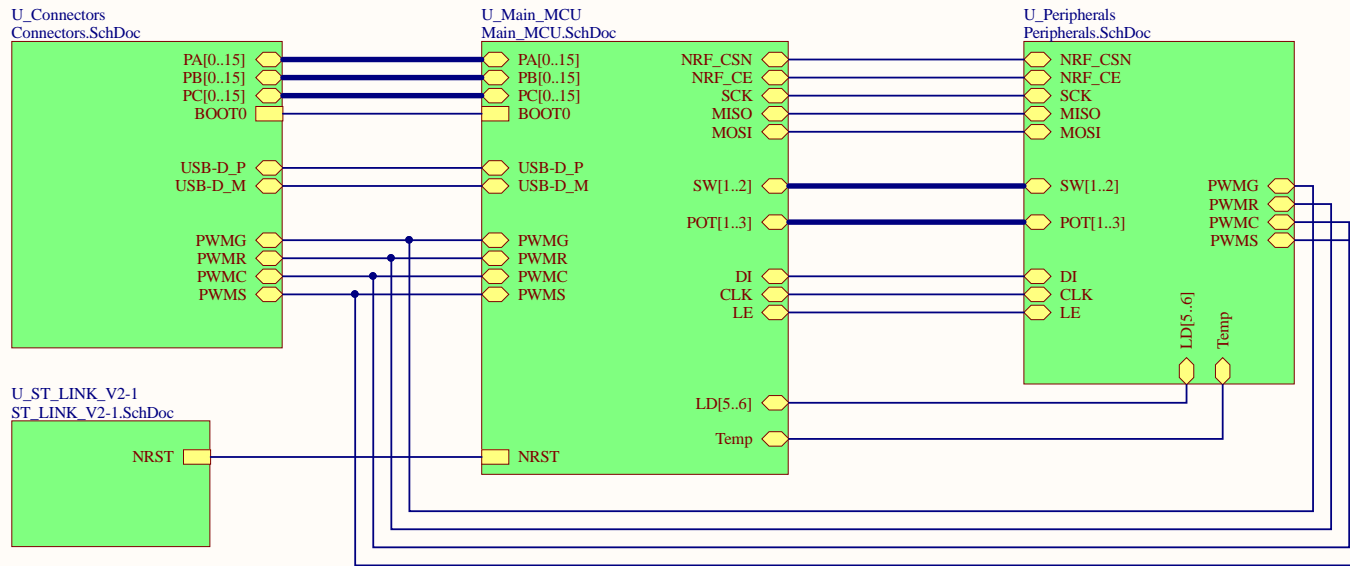
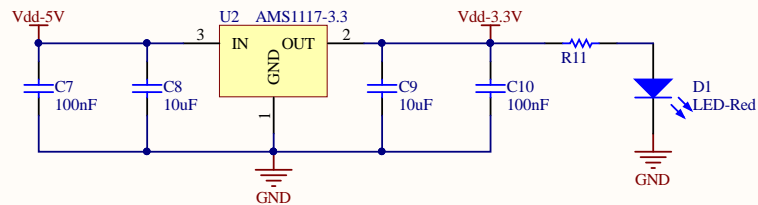


MeEvKit



5 -> 3.3 Power



Pin Map:	
label on PCB	Net name in schematics
PWM1	PWMG
PWM2	PWMS
PWM3	PWMR
PWM4	PWMC
Pwm1f	PWM1_fi1
Pwm2f	PWM2_fi1
Pwm3f	PWM3_fi1
Pwm4f	PWM4_fi1

Main MCU

U4

STM32F103C8T6

Vdd-3.3V 1 VBAT
PC13 2 PC13-ANTL_TAMP
PC14 3 PC14-OSC32_IN
PC15 4 PC15-OSC32_OUT
XTAL-IN 5
XTAL-OUT 6
NRST 7
VSSA 8
VAdd-3.3V 9 VDDA
POT3 10 PA0-WKUP
POT2 11 PA1
PA2 12 PA2/USART2_TX
PA3 13 PA3/USART2_RX
PA4 14 PA4/SPI1_NSS
POT1 15 PA5/SPI1_SCK
Temp 16 PA6/SPI1_MISO
PWMG 17 PA7/SPI1_MOSI
PWMB 18 PB0/ADC_IN8
PWMR 19 PB1/ADC_IN9
PB2 20 PB2/BOOT1
PB10 21 PB10/I2C2_SCL/USART3_TX
PB11 22 PB11/I2C2_SDA/USART3_RX
GND 23 VSS_1
Vdd-3.3V 24 VDD_1

VDD_3 48 Vdd-3.3V
VSS_3 47 GND
DI 46
CLK 45
BOOT0 44
LE 43
SW2 42
SW1 41
PB4 40
LD6 39
LD5 38
PA14 SWCLK_I 37
Vdd-3.3V 36
GND 35
PA13 SWDIO_I 34
USB-D_P 33
USB-D_M 32
PWMC 31
PWMS 30
CE 29
MOSI 28
MISO 27
SCK 26
CSN 25

PA[0..15] PA[0..15]
PB[0..15] PB[0..15]
PC[0..15] PC[0..15]


USB-D_P USB-D_P
USB-D_M USB-D_M

PWMS PWMS
PWMC PWMC
PWMG PWMG
PWMR PWMR

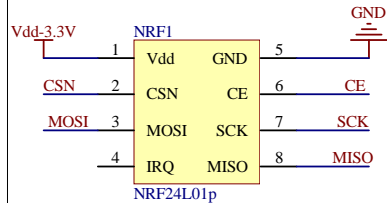
POT[1..3] POT[1..3]
Temp Temp
SW[1..2] SW[1..2]
LD[5..6] LD[5..6]

CSN NRF_CS_N
MOSI MOSI
MISO MISO
CE NRF_CE
SCK SCK

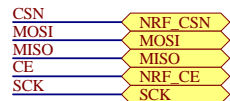
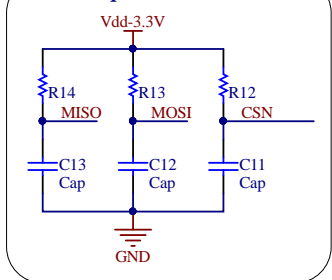
CLK CLK
LE LE
DI DI

Title <i>Main MCU (STM32F103)</i>			<i>MEHBANG Group</i> <i>North Kargar St. (Amir Abad)</i> <i>Tehran, Tehran 1413683361</i> <i>Iran</i> http://mehbang.group/	 مهبانگ MEHBANG
Project: <i>Mehbang Evaluation Kit.PrjPcb</i>				
Size: <i>A4</i>	Number:	Revision <i>V0.1</i>		
Date: <i>2020-02-20</i>	Sheet <i>1</i> of <i>5</i>			

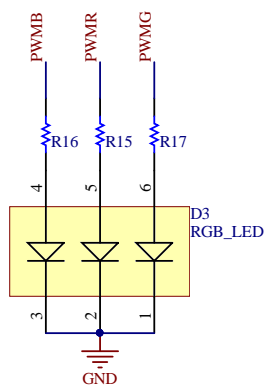
NRF Module



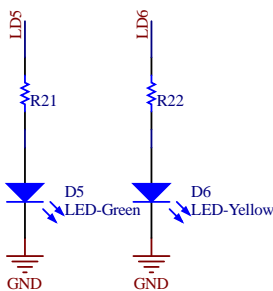
Optional Filters



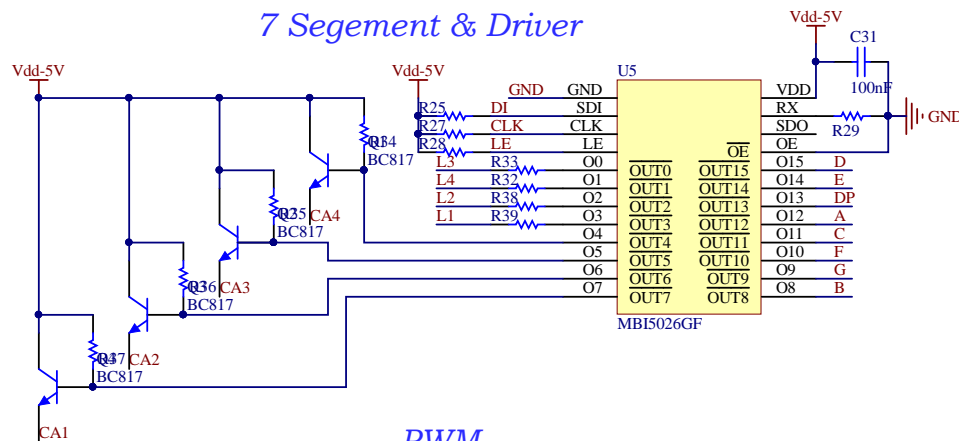
RGB LED



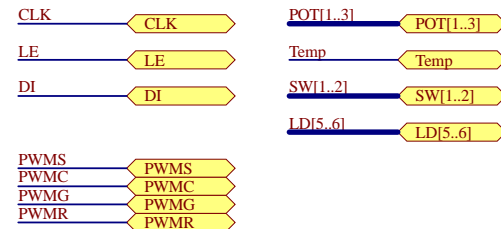
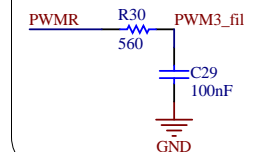
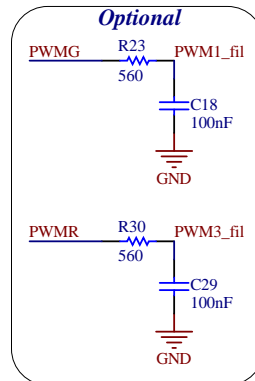
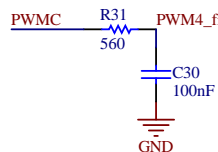
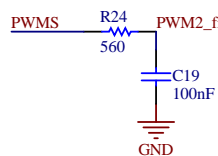
GP LEDs



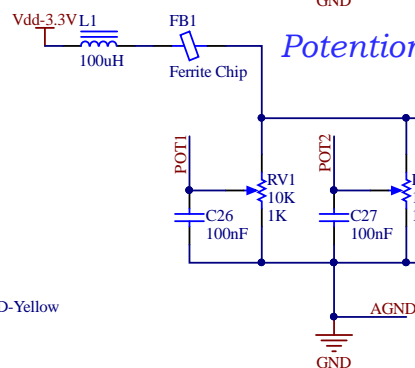
7 Segement & Driver



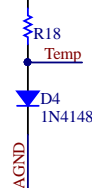
PWM



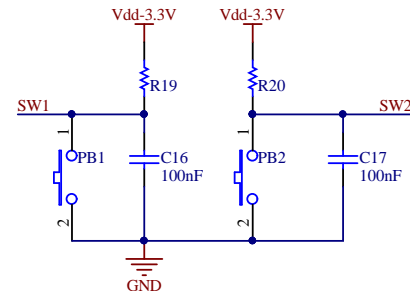
Potentiometer




Temp Sensor



Push Buttons



Title <i>Peripherals</i>			<div>MEHBANG Group North Kargar St. (Amir Abad) Tehran, Tehran 1413683361 Iran</div> <div> مهبانگ MEHRANG</div>
Project: Mehbang Evaluation Kit.PrjPcb			
Size: A4	Number:	Revision V0.1	
Date: 2020-02-20	Sheet1 of 5		
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