

PWR_CONN
B2B-XH-AM (LF)(SN)

SW1
K3-1204D

+VBAT

C1
10uF

C2
10uF

C24
10uF

6V_REG
TPS54228DDAR

L2
4.7uH

+6V

$$V_{out}(SW) = 0.765 * (1 + (R3 + R4) / R15)$$

C_5V_IN1
10uF

C_5V_IN2
10uF

C_5V_IN3
100nF

5V_REG
TPS54228DDAR

L3
4.7uH

+5V

+5V

+3.3V

+3.3VA

3.3V_REG
LD1086D2TTR

L1
100uH

+VBAT

R_ADC_H
100K

VBAT	ADC
9.6V	1.7V
11.1V	2V
12.6V	2.3V

R_ADC_L
22K

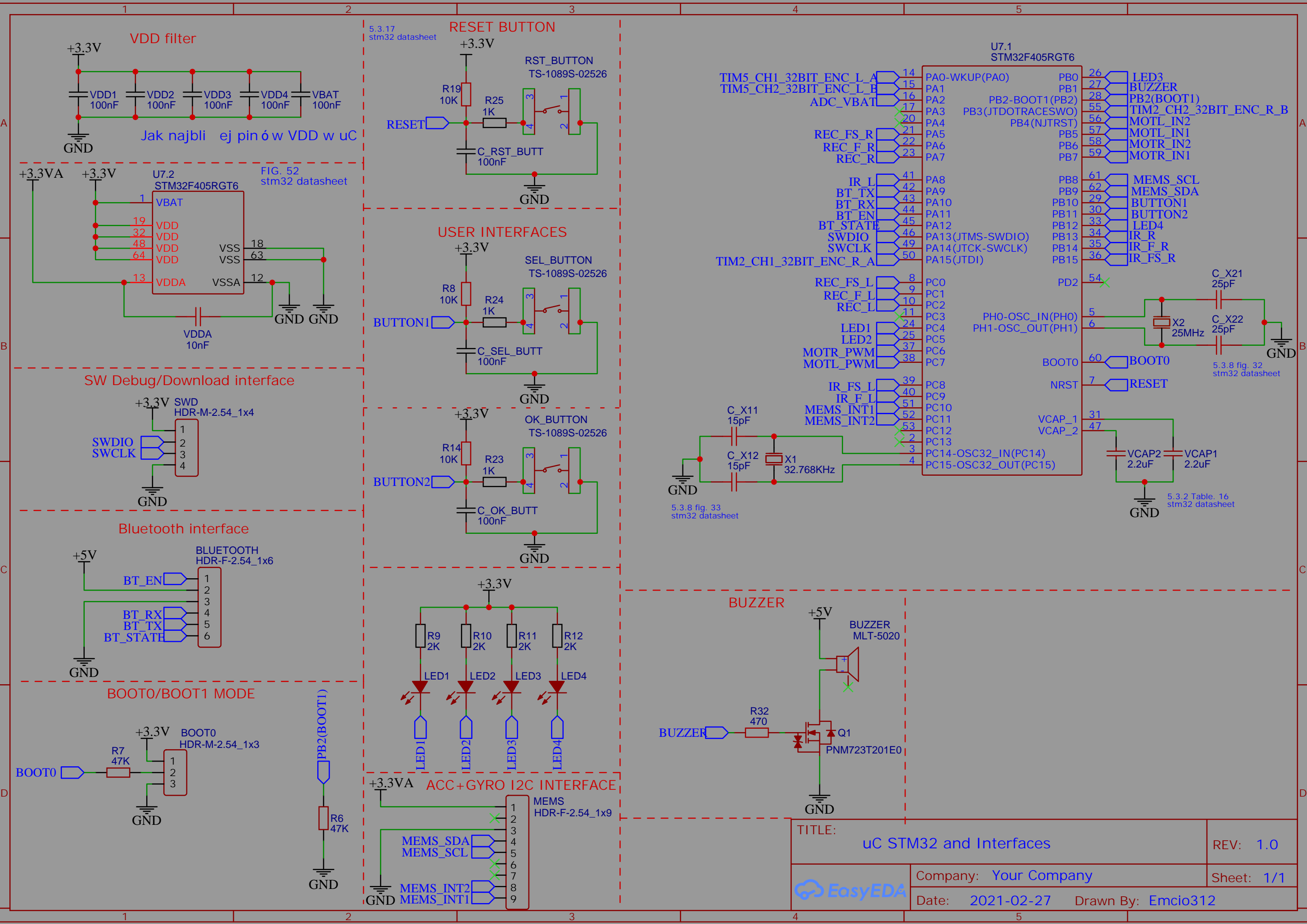
GND

+VBAT

R5
2K

GND

LED_PWR
TJ-S3216SW9TGLC2G-A5



A

B

C

D

A

B

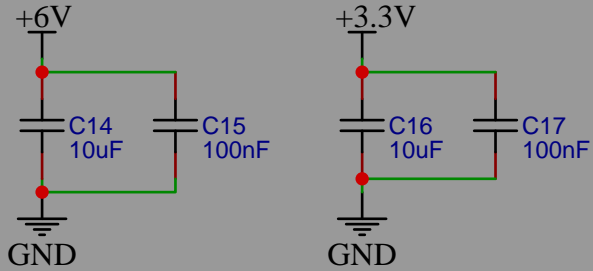
C

D

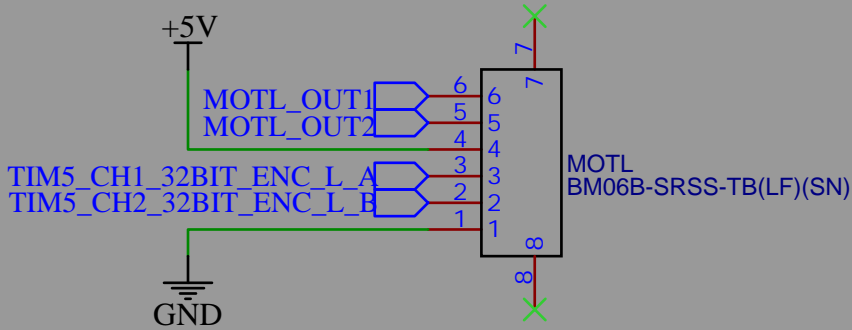
TITLE: uC STM32 and Interfaces		REV: 1.0
EasyEDA	Company: Your Company	
	Date: 2021-02-27 Drawn By: Emcio312	
Sheet: 1/1		

Capacitor for noise absorption (C23, C24, C25, and C26) should be connected as close as possible to the U8

TB6612FNG datasheet

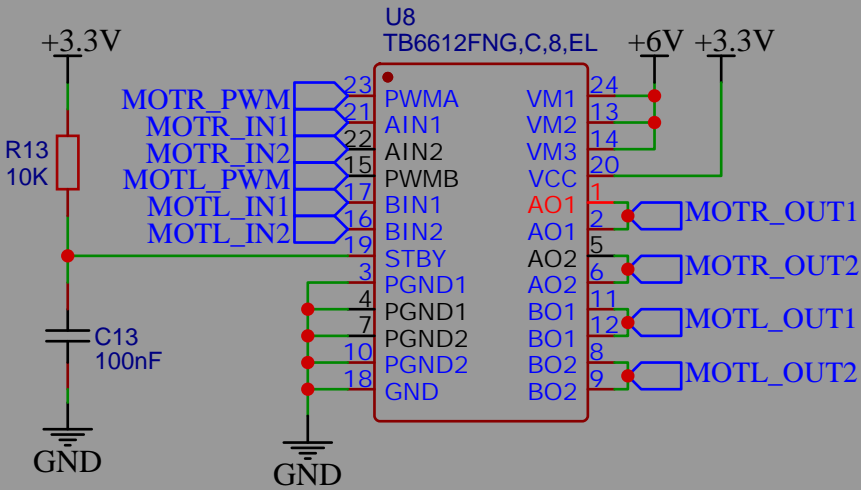
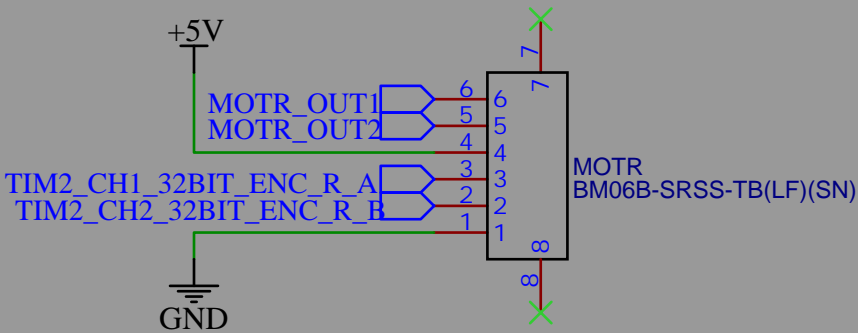


RIGHT MOTOR HEADER



SPRAWDZIC POPRAWNOSC

LEFT MOTOR HEADER



STBY ALWAYS HIGH
TB6612FNG datasheet s.4
STBY 200kOhm pull-down internal

