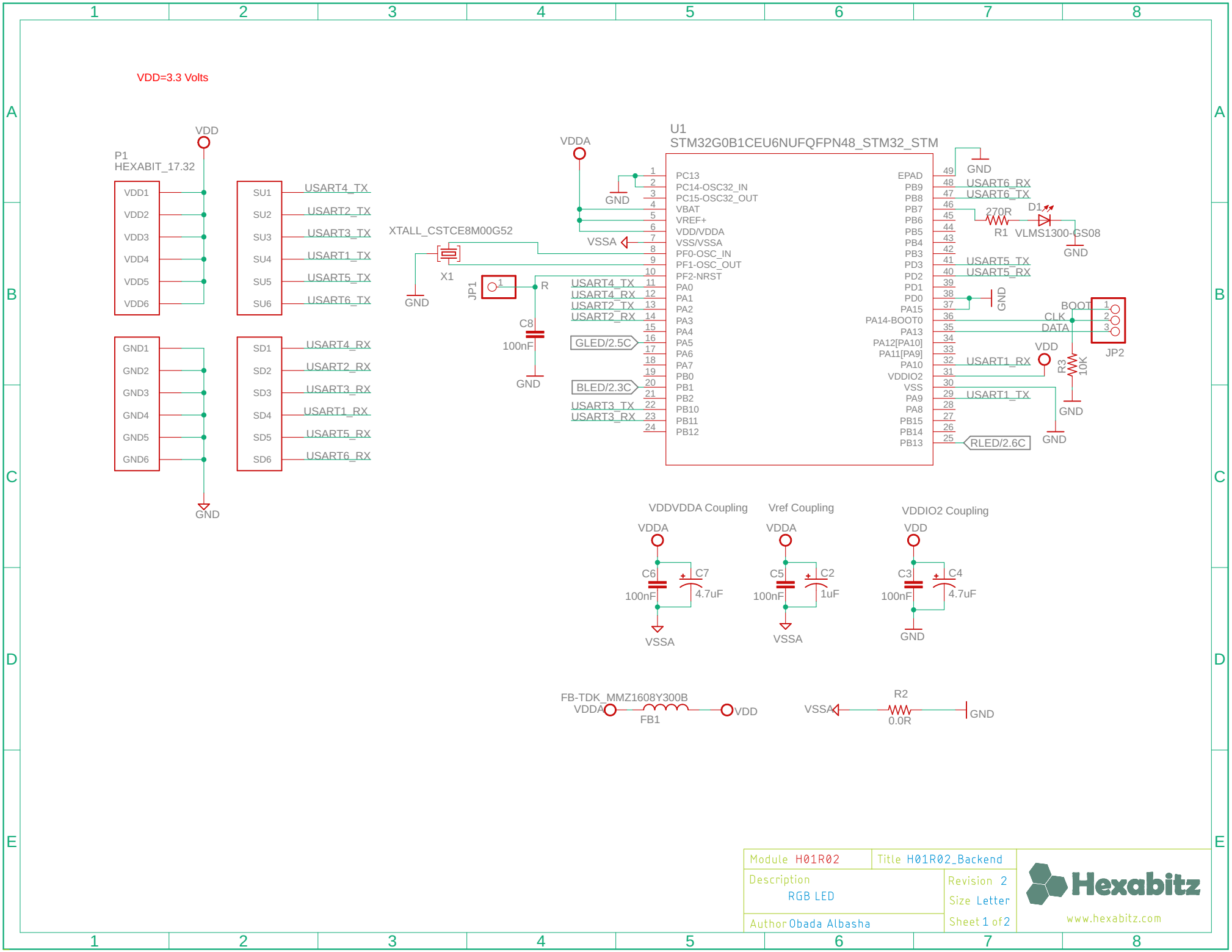
VDD=3.3 Volts
P1
HEXABIT_17.32
VDD
VDD1
VDD2
VDD3
VDD4
VDD5
VDD6
GND1
GND2
GND3
GND4
GND5
GND6
GND
SU1
SU2
SU3
SU4
SU5
SU6
SD1
SD2
SD3
SD4
SD5
SD6
USART4_TX
USART2_TX
USART3_TX
USART1_TX
USART5_TX
USART6_TX
USART4_RX
USART2_RX
USART3_RX
USART1_RX
USART5_RX
USART6_RX
XTALL_CSTCE8M00G52
X1
JP1
R
C8
100nF
VDDA
VSSA
U1
STM32G0B1CEU6NUFQFPN48_STM32_STM
PC13
PC14-OSC32_IN
PC15-OSC32_OUT
VBAT
VREF+
VDD/VDDA
VSS/VSSA
PF0-OSC_IN
PF1-OSC_OUT
PF2-NRST
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PB0
PB1
PB2
PB10
PB11
PB12
GLED/2.5C
BLED/2.3C
EPAD
PB9
PB8
PB7
PB6
PB5
PB4
PB3
PD3
PD2
PD1
PD0
PA15
PA14-BOOT0
PA13
PA12[PA10]
PA11[PA9]
PA10
VDDIO2
VSS
PA9
PA8
PB15
PB14
PB13
RLED/2.6C
USART6_RX
USART6_TX
270R
R1
D1
VLMS1300-GS08
USART5_TX
USART5_RX
BOOT
CLK
DATA
JP2
R3
10K
USART1_RX
USART1_TX
VDDVDDA Coupling
C6
100nF
C7
4.7uF
Vref Coupling
C5
100nF
C2
1uF
VDDIO2 Coupling
C3
100nF
C4
4.7uF
FB-TDK_MMZ1608Y300B
FB1
R2
0.0R
Module H01R02
Title H01R02_Backend
Description
RGB LED
Revision 2
Size Letter
Sheet 1 of 2
Author Obada Albasha
Hexabitz
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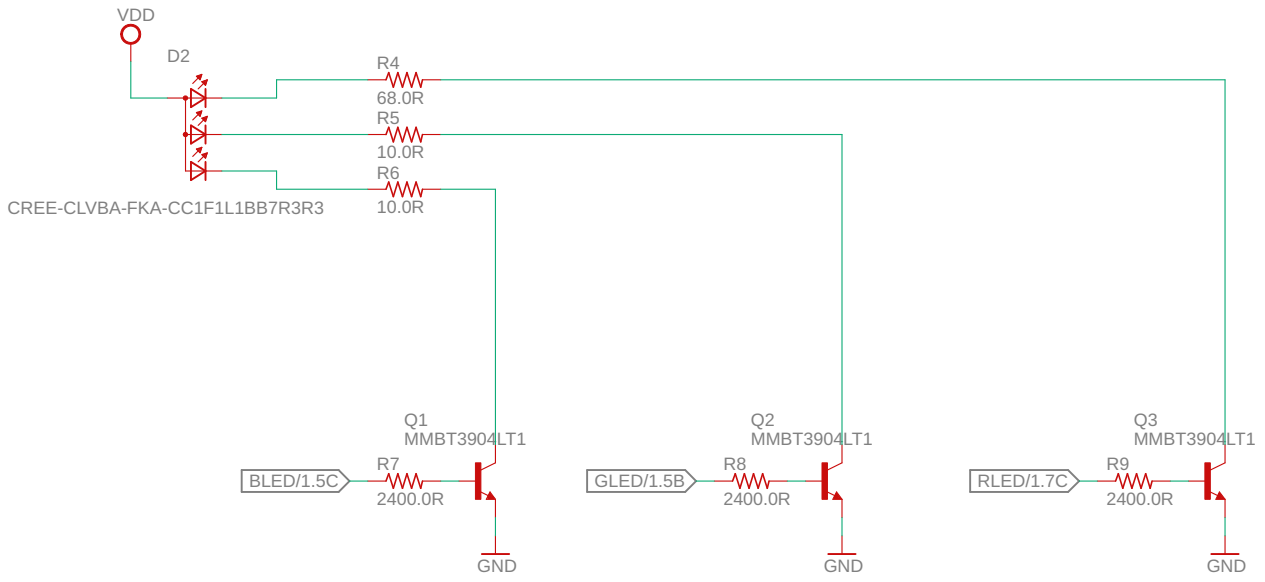
VDD=3.3 Volts



Module H01R02	Title H01R02_Frontend	
Description RGB LED	Revision 2	
	Size Letter	
Author Obada Albasha	Sheet 2 of 2	

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