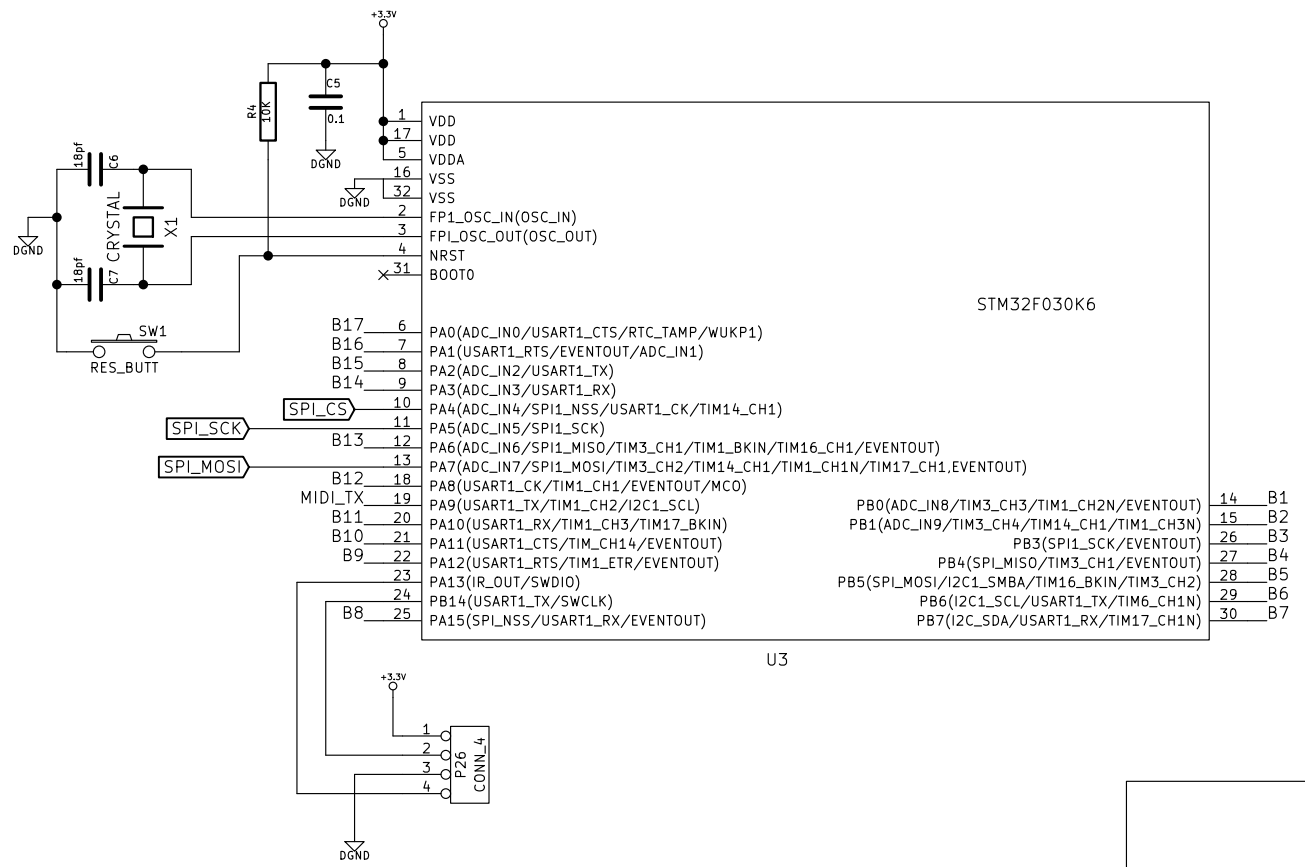


CONNECTOR TO BUTTONS

- P9 ○ B1
- P10 ○ B2
- P12 ○ B3
- P14 ○ B4
- P16 ○ B5
- P18 ○ B6
- P20 ○ B7
- P22 ○ B8
- P24 ○ B9
- P25 ○ B10
- P11 ○ B11
- P13 ○ B12
- P15 ○ B13
- P17 ○ B14
- P19 ○ B15
- P21 ○ B16
- P23 ○ B17

B13->B17 can be ADC input

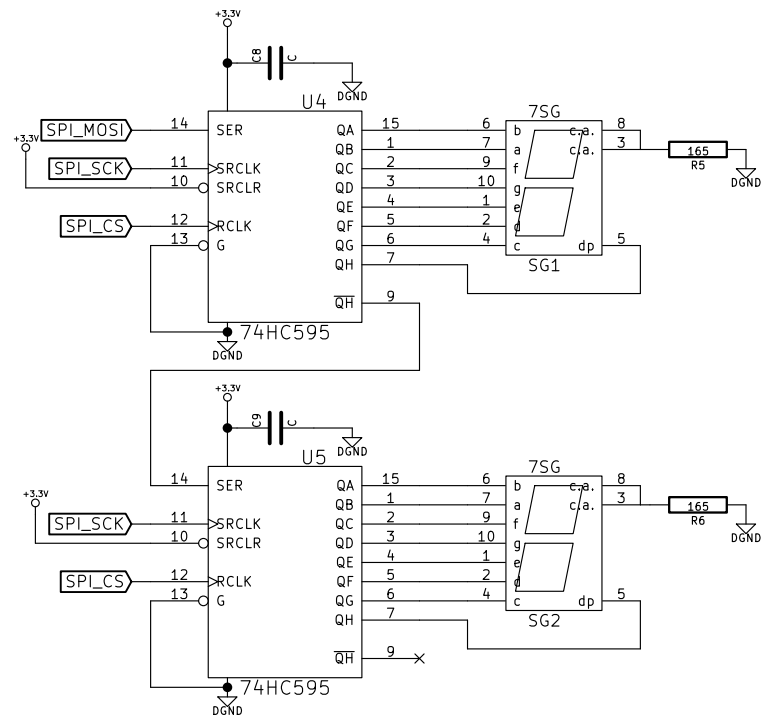


STM32F030K6

- | | | | | |
|-----|----|--|----|----|
| B17 | 6 | PA0(ADC_IN0/USART1_CTS/RTC_TAMP/WUKP1) | 14 | B1 |
| B16 | 7 | PA1(USART1_RTS/EVENTOUT/ADC_IN1) | 15 | B2 |
| B15 | 8 | PA2(ADC_IN2/USART1_TX) | 26 | B3 |
| B14 | 9 | PA3(ADC_IN3/USART1_RX) | 27 | B4 |
| | 10 | PA4(ADC_IN4/SPI1_NSS/USART1_CK/TIM14_CH1) | 28 | B5 |
| | 11 | PA5(ADC_IN5/SPI1_SCK) | 29 | B6 |
| | 12 | PA6(ADC_IN6/SPI1_MISO/TIM3_CH1/TIM16_BKIN/TIM6_CH1/EVENTOUT) | 30 | B7 |
| | 13 | PA7(ADC_IN7/SPI1_MOSI/TIM3_CH2/TIM14_CH1/TIM1_CH1N/TIM17_CH1.EVENTOUT) | | |
| B12 | 18 | PA8(USART1_CK/TIM1_CH1/EVENTOUT/MCO) | | |
| B11 | 19 | PA9(USART1_TX/TIM1_CH2/I2C1_SCL) | | |
| B10 | 20 | PA10(USART1_RX/TIM1_CH3/TIM17_BKIN) | | |
| B9 | 21 | PA11(USART1_CTS/TIM1_CH14/EVENTOUT) | | |
| | 22 | PA12(USART1_RTS/TIM1_ETR/EVENTOUT) | | |
| | 23 | PA13(IR_OUT/SWDIO) | | |
| | 24 | PB14(USART1_TX/SWCLK) | | |
| B8 | 25 | PA15(SPI1_NSS/USART1_RX/EVENTOUT) | | |
| | | PB0(ADC_IN8/TIM3_CH3/TIM1_CH2N/EVENTOUT) | | |
| | | PB1(ADC_IN9/TIM3_CH4/TIM14_CH1/TIM1_CH3N) | | |
| | | PB3(SPI1_SCK/EVENTOUT) | | |
| | | PB4(SPI_MISO/TIM3_CH1/EVENTOUT) | | |
| | | PB5(SPI_MOSI/I2C1_SMBA/TIM16_BKIN/TIM3_CH2) | | |
| | | PB6(I2C1_SCL/USART1_TX/TIM6_CH1N) | | |
| | | PB7(I2C_SDA/USART1_RX/TIM17_CH1N) | | |

visual.sch
visual.sch

Sheet: /		Date: 25 nov 2016	
File: mid_controller.sch		Rev:	
Size: A4	KiCad E.D.A. kicad 4.0.5	Id: 1/2	



Sheet: /visual.sch/
File: visual.sch

Title:

Size: A4 Date: 25 nov 2016
KiCad E.D.A. kicad 4.0.5

Rev:
Id: 2/2