

Sheet: /CAN bus transceiver/
File: CAN.kicad_sch

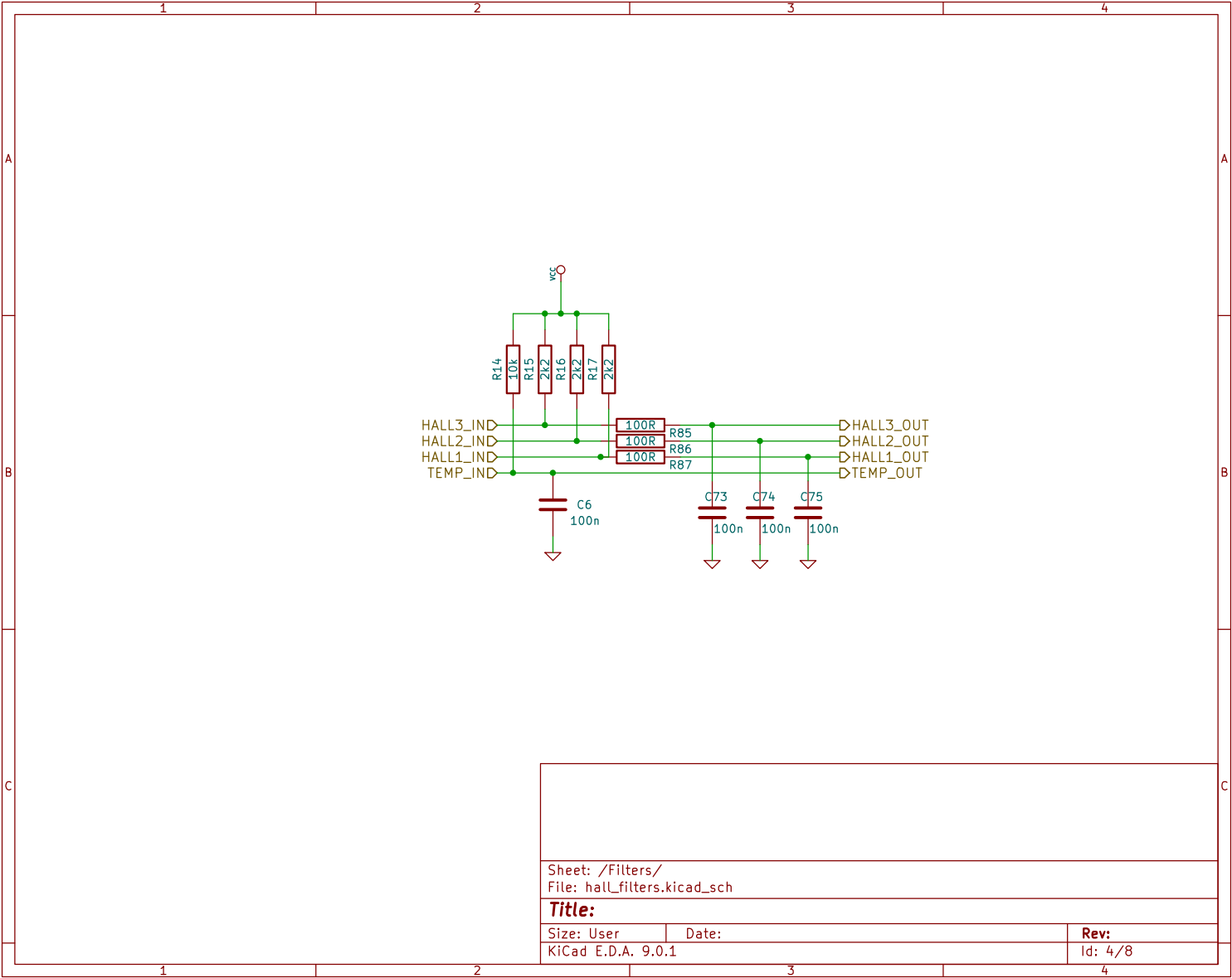
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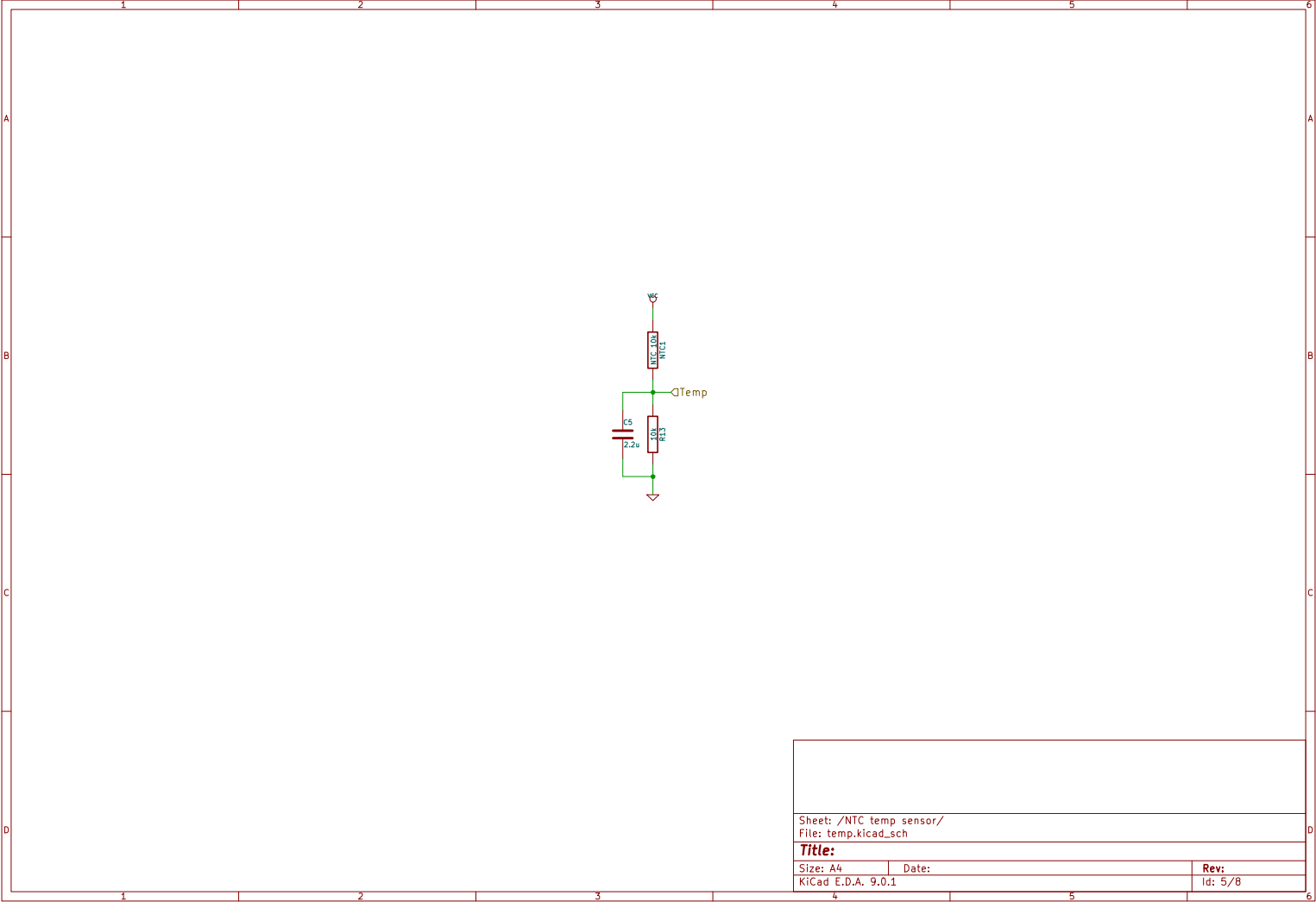
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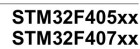
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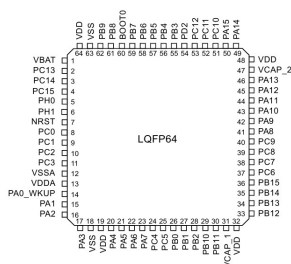
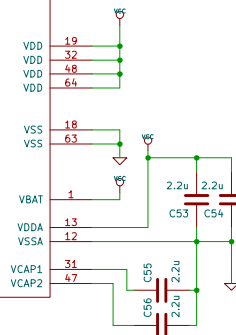
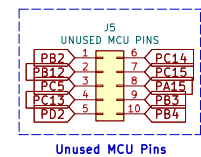
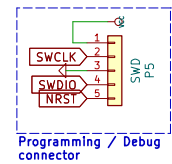
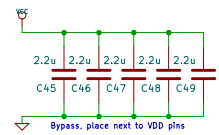
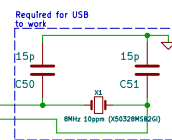






| | | U5 | |
|----------------|----|-------------------------|--------------------|
| SENS1D | 14 | PA0(ADC123_IN0/WKUP) | PC14—OSC32_IN |
| SENS2D | 15 | PA1(ADC123_IN1) | PC15—OSC32_OUT |
| SENS3D | 16 | PA2(ADC123_IN2) | |
| ADC_TEMP | 17 | PA3(ADC123_IN3) | PH0—OSC_IN |
| RX_SDA_NSS | 20 | PA4(ADC12_IN4/DAC1_OUT) | PH1—OSC_OUT |
| SCK_ADC_EXTD | 21 | PA5(ADC12_IN5/DAC2_OUT) | |
| MISO_ADC_EXTD2 | 22 | PA6(ADC12_IN6) | BOOT0(VPP) |
| TX_SCL_MOSI | 23 | PA7(ADC12_IN7) | PB2—BOOT1 |
| H1_G | 41 | PA8 | |
| H2_G | 42 | PA9(OTG_FS_VBUS) | |
| H3_G | 43 | PA10 | NRST |
| USB_DM | 44 | PA11 | |
| USB_DP | 45 | PA12 | |
| | | | PA13(JTMS—SWDIO) |
| LED_GREEN | 26 | PB0(ADC12_IN8) | PA14(JTCK—SWCLK) |
| LED_RED | 27 | PB1(ADC12_IN9) | PB15(JTDI) |
| EN_GATE | 56 | PB5 | PB3(JTDO/TRACESW0) |
| SERVO | 58 | PB6 | PB4(JNTRST) |
| FAULT | 59 | PB7 | |
| CAN_RXD | 61 | PB8 | |
| CAN_TX | 62 | PB9 | |
| TX_SCL_MOSI | 29 | PB10 | |
| RX_SDA_NSS | 30 | PB11 | |
| PB12 | 31 | PB12 | |
| L1_G | 35 | PB13(OTG_HS_VBUS) | |
| L2_G | 36 | PB14 | VDD |
| L3_G | 36 | PB15 | VDD |
| BR_S01D | 8 | PC0(ADC123_IN10) | VDD |
| BR_S02D | 9 | PC1(ADC123_IN11) | VDD |
| BR_S03D | 10 | PC2(ADC123_IN12) | |
| AN_IND | 14 | PC3(ADC123_IN13) | VSS |
| TEMP_MOTOR1 | 25 | PC4(ADC12_IN14) | VSS |
| PC5 | 27 | PC5(ADC12_IN15) | |
| HALL1 | 37 | PC6 | |
| HALL_2D | 38 | PC7 | |
| HALL_3D | 39 | PC8 | |
| CSD | 40 | PC9 | VBAT |
| SLCK | 51 | PC10 | |
| SDO0 | 52 | PC11 | VDDA |
| SDI0 | 53 | PC12 | VSSA |
| PC13 | 2 | PC13_(RTC_AF1) | |
| PD2 | 54 | PD2 | VCAP1 |
| | | | VCAP2 |

STM32F405RG6



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