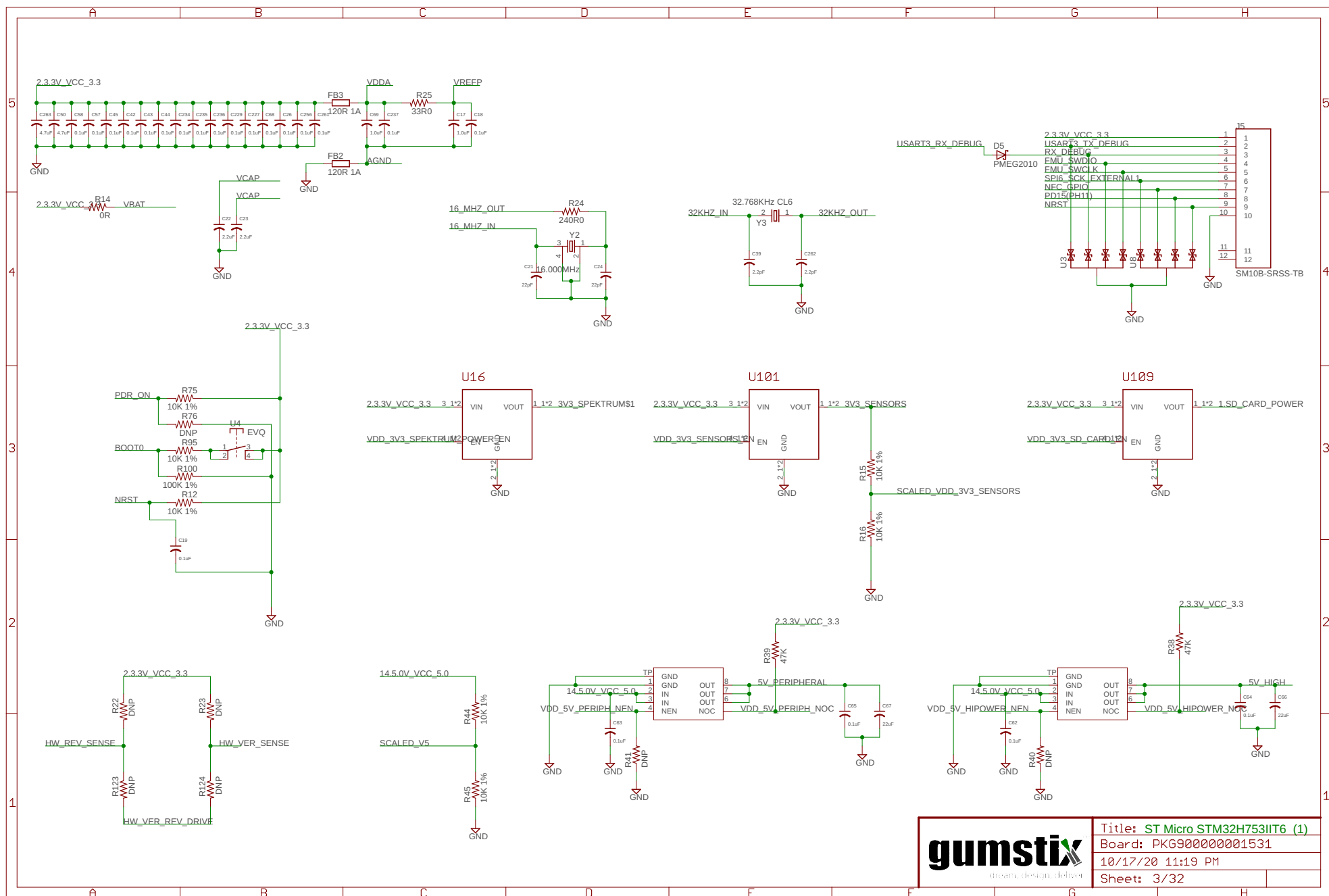


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	A	B	C	D	E	F	G	H
5	<u>U100A0</u> PA0 40 SCALED_V5 PA1 41 FMU_CAP2 PA2 42 HEATER PA3 47 OTG_HS_ULPI_D0 PA4 50 ADC3_3V3 PA5 51 OTG_HS_ULPI_CK PA6 52 SPI6_MISO_EXTERNAL1 PA7 53 SPI1_MOSI_SENSOR1_ICM20602		<u>U100D0</u> PD0 142 CAN1_RX PD1 143 CAN1_TX PD2 144 UART5_RX_TELEM2 PD3 145 USART2_CTS_TELEM3 PD4 146 USART2_RTS_TELEM3 PD5 147 USART2_TX_TELEM3 PD6 150 USART2_RX_TELEM3 PD7 151 SDMMC2_CMD		<u>U100C0</u> PG0 66 HW_VER_REV_DRIVE PG1 67 NPOWER_IN_A PG2 106 NPOWER_IN_B PG3 107 NPOWER_IN_C PG4 108 VDD_5V_PERIPH_NEN PG5 109 I2C2_DRDY1_BMP388 PG6 110 PG6 PG7 111 SPI5_NCS1_FRAM		<u>U100VDD</u> VDD 15*14 2.3.3V_VCC_3.3 VSS 14*12 GND PDR_ON 171 PDR_ON	5
4	<u>U100A1</u> PA8 119 I2C3_SCL_BASE_MS5611_BARBED_EXTERNAL1 PA9 120 VBUS_SENSE PA10 121 SPI2_DRDY2_ISM330_INT2 PA11 122 USB_D_N PA12 123 USB_D_P PA13 124 FMU_SWDIO PA14 137 FMU_SWCLK PA15 138 SPI6_NCS2_EXTERNAL1		<u>U100D1</u> PD8 96 USART3_TX_DEBUG PD9 97 USART3_RX_DEBUG PD10 98 FMU_NSAFETY_SWITCH_LED_OUT PD11 99 SPI6_DRDY1_EXTERNAL1 PD12 100 SPI6_DRDY2_EXTERNAL1 PD13 101 FMU_CH5 PD14 104 FMU_CH6 PD15 105 PD15(PH11)		<u>U100C1</u> PG8 112 PG8 PG9 152 SPI1_MISO_SENSOR1_ICM20602 PG10 153 VDD_5V_HIPOWER_NEN PG11 154 SPI1_SCK_SENSOR1_ICM20602 PG12 155 VDD_3V3_SENSORS_EN PG13 156 SPI6_SCK_EXTERNAL1 PG14 157 SPI6_MOSI_EXTERNAL1 PG15 160 PG15		<u>U100VREF</u> VBAT 6 VBAT VCAP 81*2 VCAP VDDA 39 VDDA VSSA 37 AGND VREF+ 38 VREFP VDD33USB 114 2.3.3V_VCC_3.3	4
3	<u>U100B0</u> PB0 56 OTG_HS_ULPI_D1 PB1 57 OTG_HS_ULPI_D2 PB2 58 SPI3_MOSI_SENSOR3_BMI088 PB3 161 SDMMC2_D2 PB4 162 SDMMC2_D3 PB5 163 OTG_HS_ULPI_D7 PB6 164 USART1_TX_GPS1 PB7 165 USART1_RX_GPS1		<u>U100E0</u> PE0 169 UART9_RX_GPS2 PE1 170 UART8_TX_GPS2 PE2 1 TRACECLK PE3 2 NLED_RED PE4 3 NLED_GREEN PE5 4 NLED_BLUE PE6 5 NARMEED PE7 68 MUX_CTRL2		<u>U100G0</u> PH0 29 16_MHZ_IN PH1 30 16_MHZ_OUT PH2 43 VDD_3V3_SPEKTRUM_POWER_EN PH3 44 HW_VER_SENSE PH4 45 HW_REV_SENSE PH5 46 SPI2_NCS1_ISM330 PH6 83 FMU_CH7 PH7 84 SPI5_MISO_FRAM		<u>U100BOOT</u> NRST 31 NRST BOOT0 166 BOOT0 STM32H753II	3
2	<u>U100B1</u> PB8 167 I2C1_SCL_BASE_GPS1_MAG_LED_PM1 PB9 168 I2C1_SDA_BASE_GPS1_MAG_LED_PM1 PB10 79 OTG_HS_ULPI_D3 PB11 80 OTG_HS_ULPI_D4 PB12 92 OTG_HS_ULPI_D5_CAN2_RX PB13 93 OTG_HS_ULPI_D6_CAN2_TX PB14 94 SDMMC2_D0 PB15 95 SDMMC2_D1		<u>U100E1</u> PE8 69 UART7_TX_TELEM1 PE9 70 SPIX_SYNC PE10 73 UART7_CTS_TELEM1 PE11 74 FMU_CAP1 PE12 75 SPI4_SCK_SENSOR4_BMM150 PE13 76 SPI4_MISO_SENSOR4_BMM150 PE14 77 SPI4_MOSI_SENSOR4_BMM150 PE15 78 VDD_5V_PERIPH_NOC		<u>U100G1</u> PH8 85 I2C3_SDA_BASE_MS5611_BARBED_EXTERNAL1 PH9 86 FMU_CH8 PH10 87 FMU_CH9 PH11 88 FMU_CH3 PH12 89 FMU_CH2 PH13 128 UART4_TX PH14 129 UART4_RX PH15 130 SPI4_NCS1_BMM150			2
1	<u>U100C0</u> PC0 32 OTG_HS_ULPI_STP PC1 33 SDMMC2_CLK PC2 34 ADC3_6V6 PC3 35 OTG_HS_ULPI_NXT PC4 54 SCALED_VDD_3V3_SENSORS PC5 55 MUX_CTRL1 PC6 115 USART6_TX_TO_IO_NC PC7 116 USART6_RX_FROM_IO_RC_INPUT		<u>U100E0</u> PF0 16 I2C2_SDA_BASE_GPS2_MAG_LED_PM2 PF1 17 I2C2_SCL_BASE_GPS2_MAG_LED_PM2 PF2 18 SPI2_DRDY1_ICM20602 PF3 19 SPI4_DRDY1_BMM150_DRDY PF4 20 PF4 PF5 21 FMU_SAFETY_SWITCH_IN PF6 24 UART7_RX_TELEM1 PF7 25 SPI5_SCK_FRAM		<u>U100G0</u> PI0 131 FMU_CH1 PI1 132 SPI2_SCK_SENSOR2_ISM330 PI2 133 SPI2_MISO_SENSOR2_ISM330 PI3 134 SPI2_MOSI_SENSOR2_ISM330 PI4 173 SPI3_NCS1_BMI088_ACCEL PI5 174 FMU_PPM_INPUT PI6 175 SPI3_DRDY1_BMI088_INT1_ACCEL PI7 176 SPI3_DRDY2_BMI088_INT3_GYRO			1
	<u>U100C1</u> PC8 117 UART5_RTS_TELEM2 PC9 118 UART5_CTS_TELEM2 PC10 139 SPI3_SCK_SENSOR3_BMI088 PC11 140 SPI3_MISO_SENSOR3_BMI088 PC12 141 UART5_TX_TELEM2 PC13 8 VDD_3V3_SD_CARD_EN PC14 9 32KHZ_IN PC15 10 32KHZ_OUT		<u>U100E1</u> PF8 26 UART7_RTS_TELEM1 PF9 27 BUZZER_1 PF10 28 SPI6_NRESET_EXTERNAL1 PF11 59 SPI5_MOSI_FRAM PF12 60 NEC_GPIO PF13 63 VDD_5V_HIPOWER_NOC PF14 64 I2C4_SCL_FMU PF15 65 I2C4_SDA_FMU		<u>U100G1</u> PI8 7 SPI3_NCS2_BMI088_GYRO PI9 11 SPI1_NCS1_ICM20602 PI10 12 SPI6_NCS1_EXTERNAL1 PI11 13 OTG_HS_ULPI_DIR			
	A	B	C	D	E	F	G	H





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Board: PKG9000000001531	
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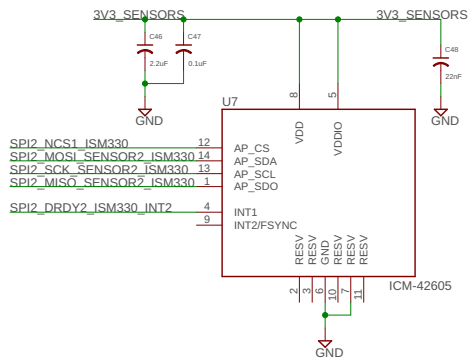


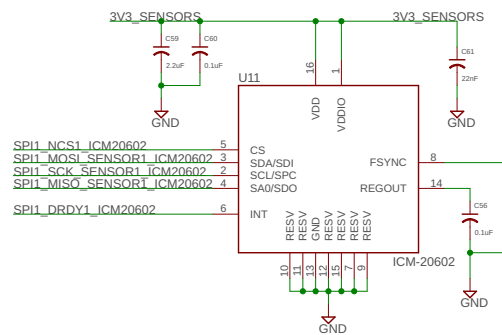
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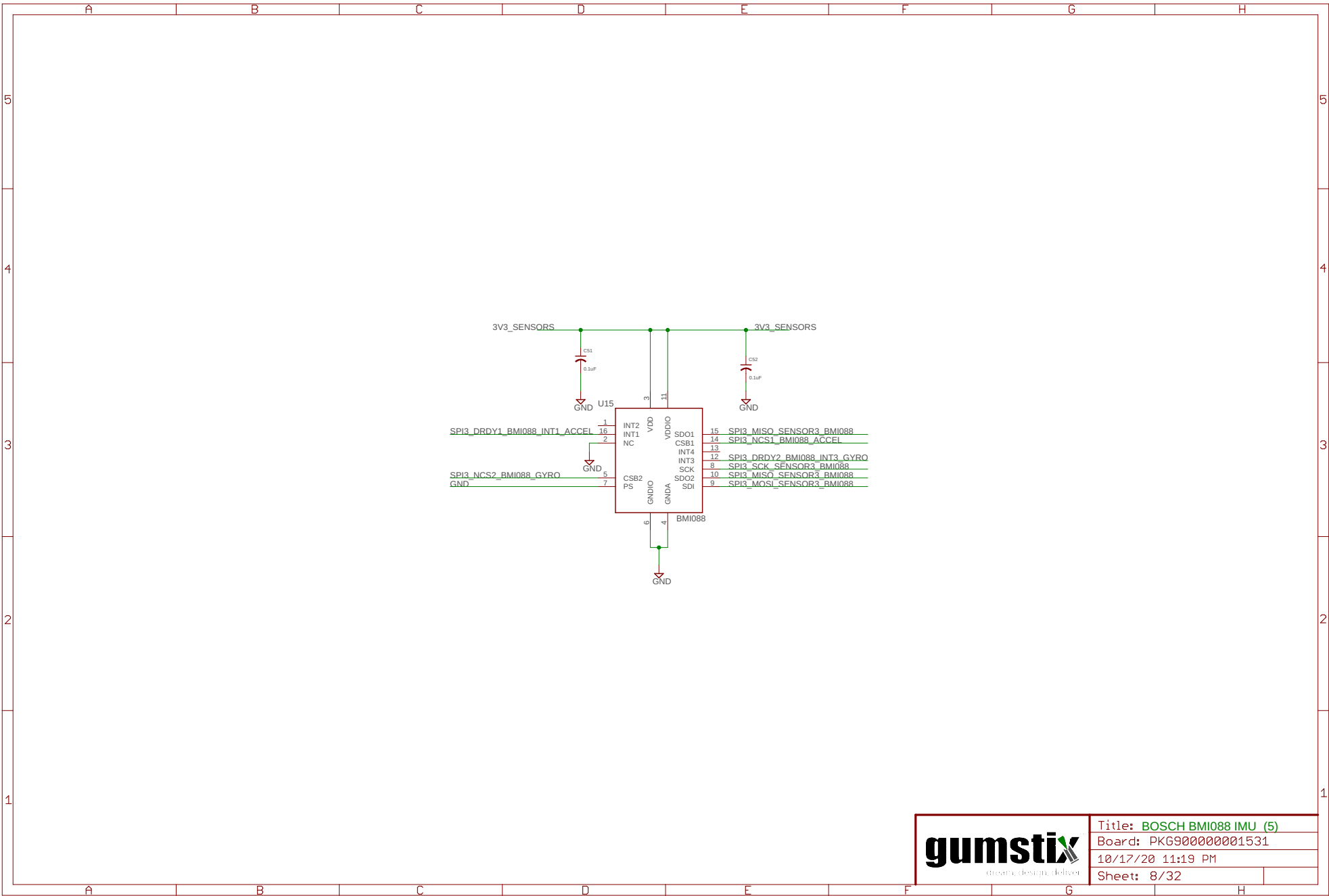
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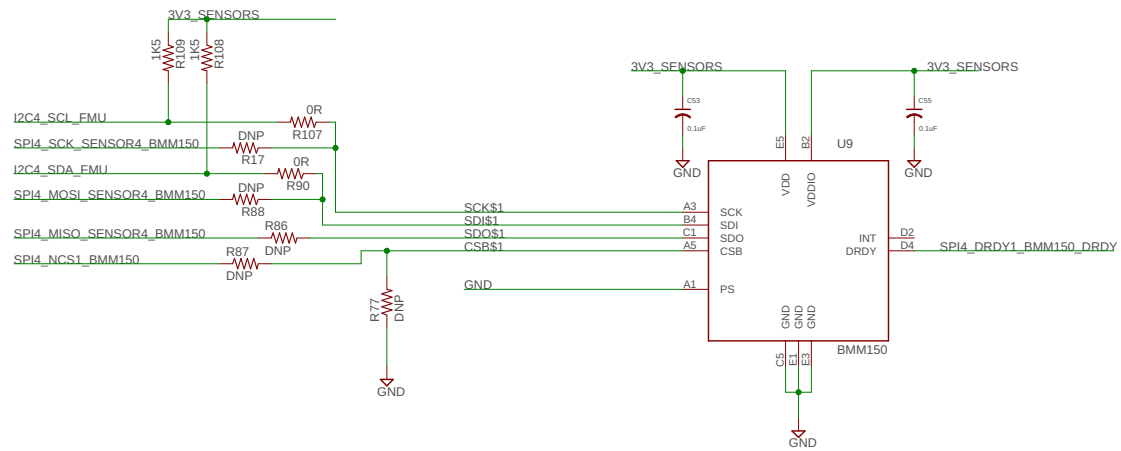
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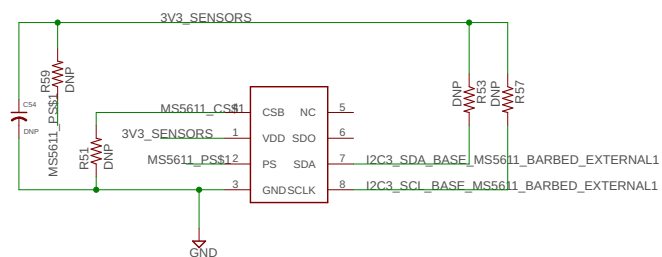
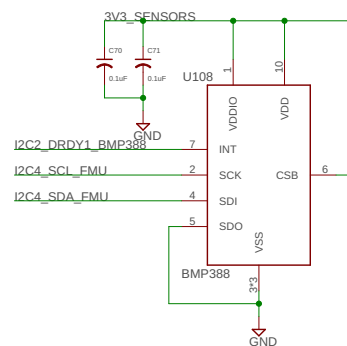


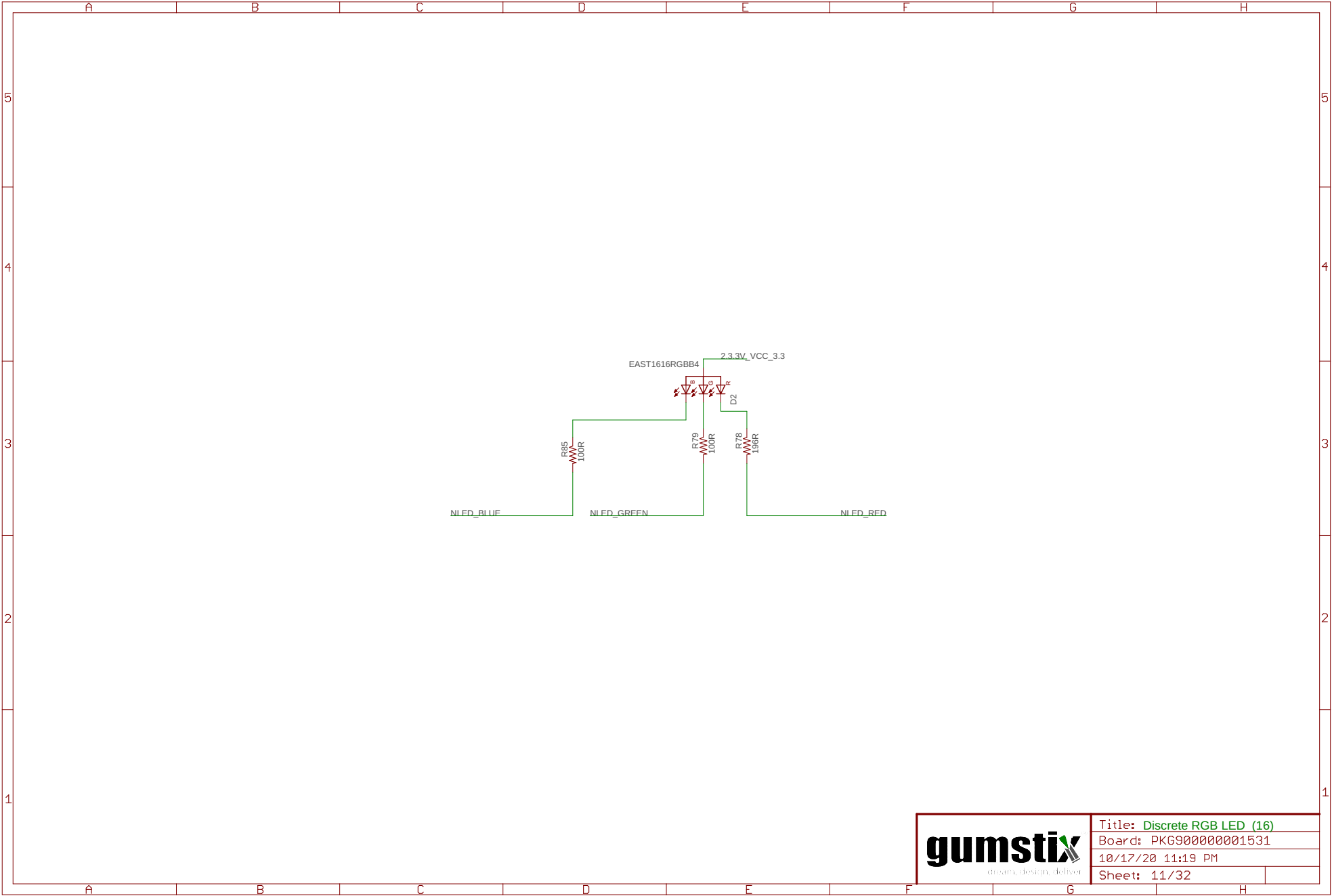




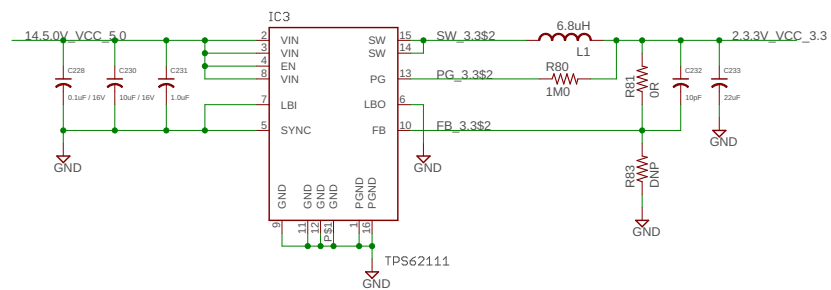


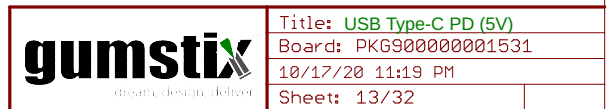
gumstix <small>dream. design. deliver.</small>	Title: Bosch BMM150 Magnetometer (6)	
	Board: PKG900000001531	
	10/17/20 11:19 PM	
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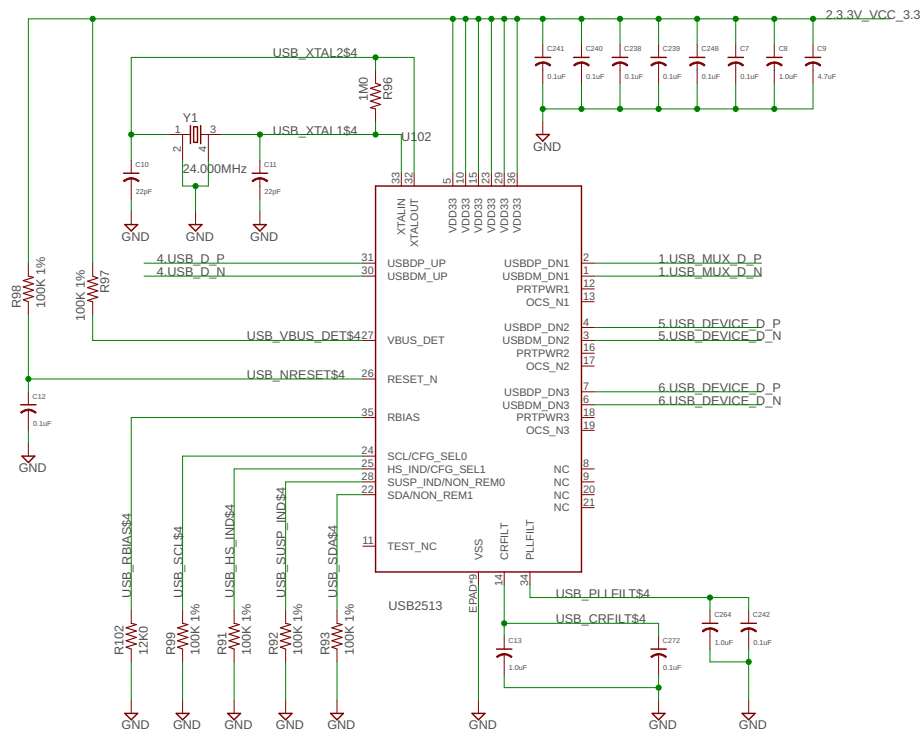


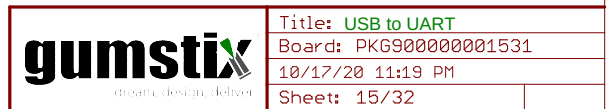


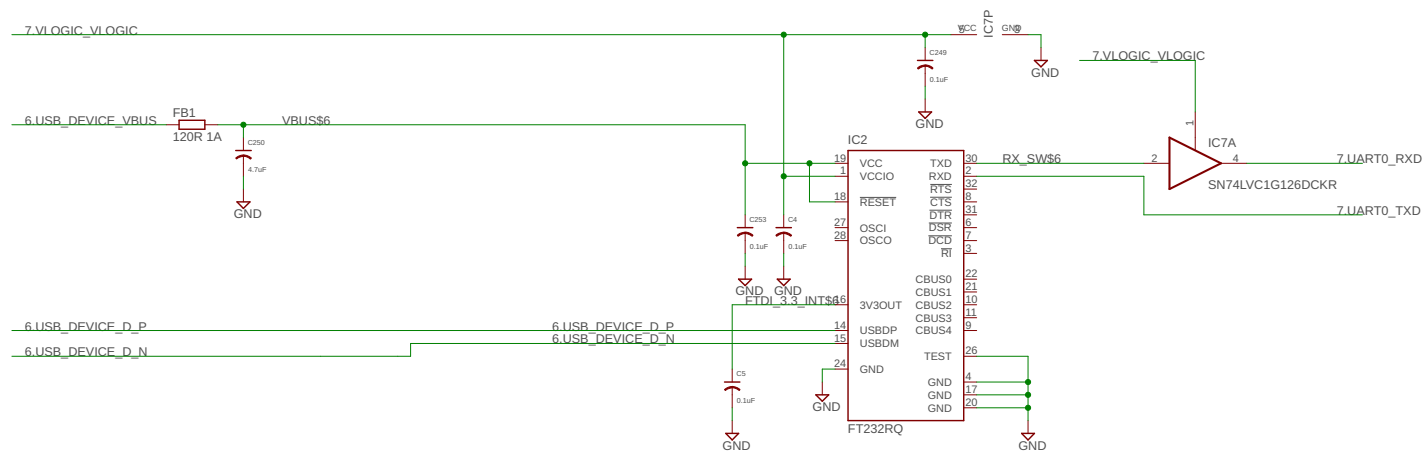
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Board: PKG900000001531	
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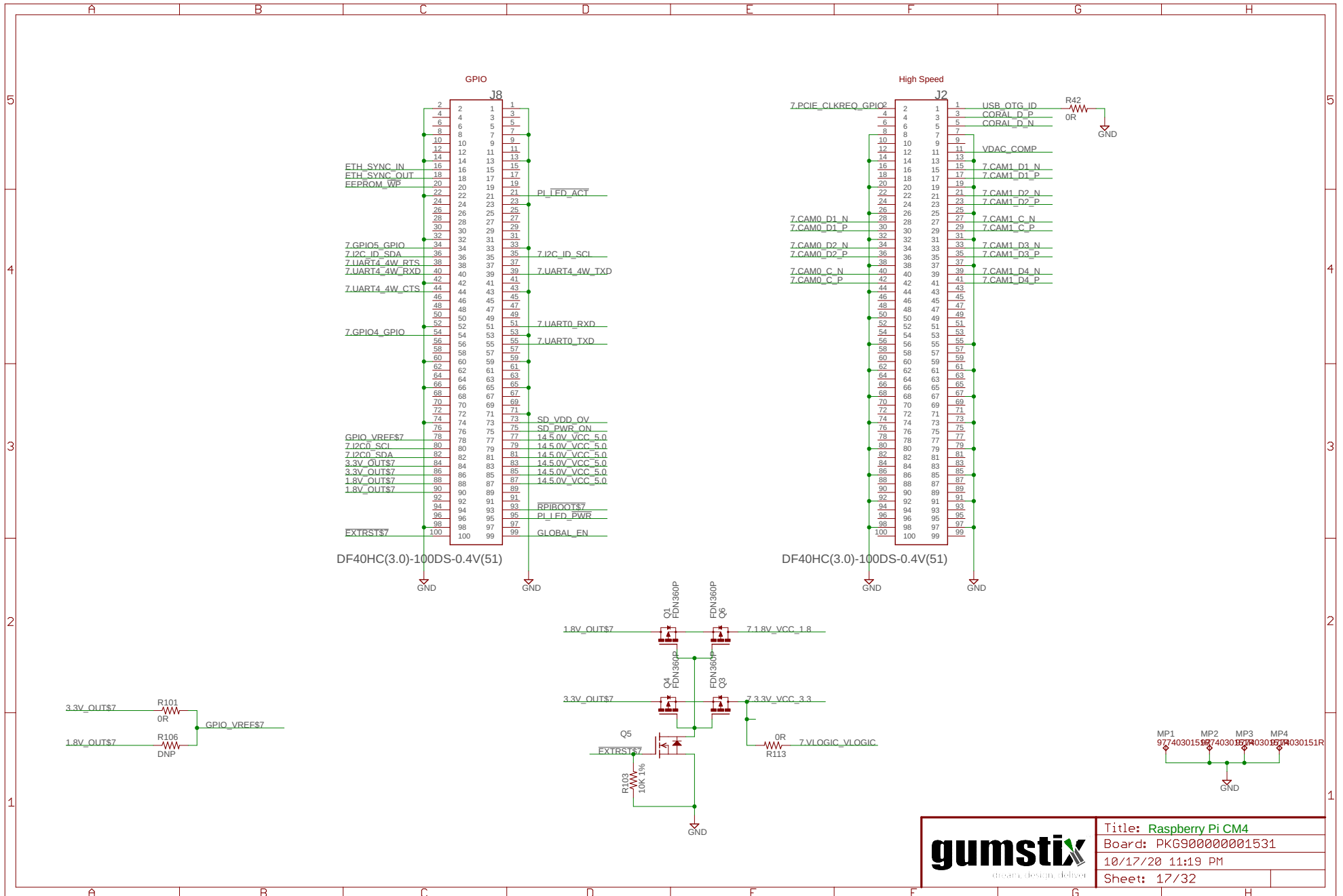


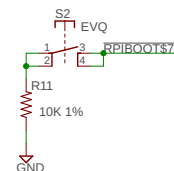


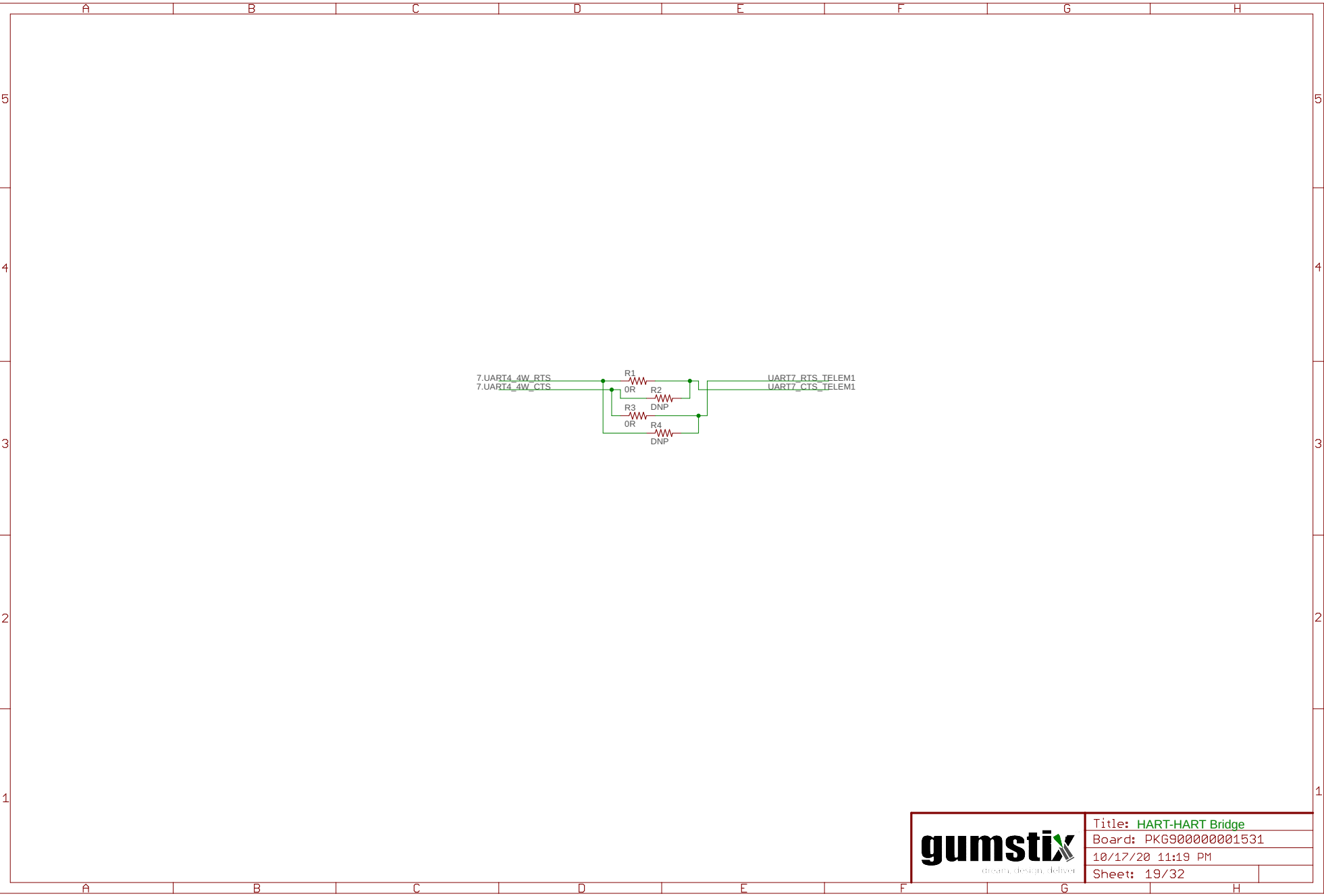


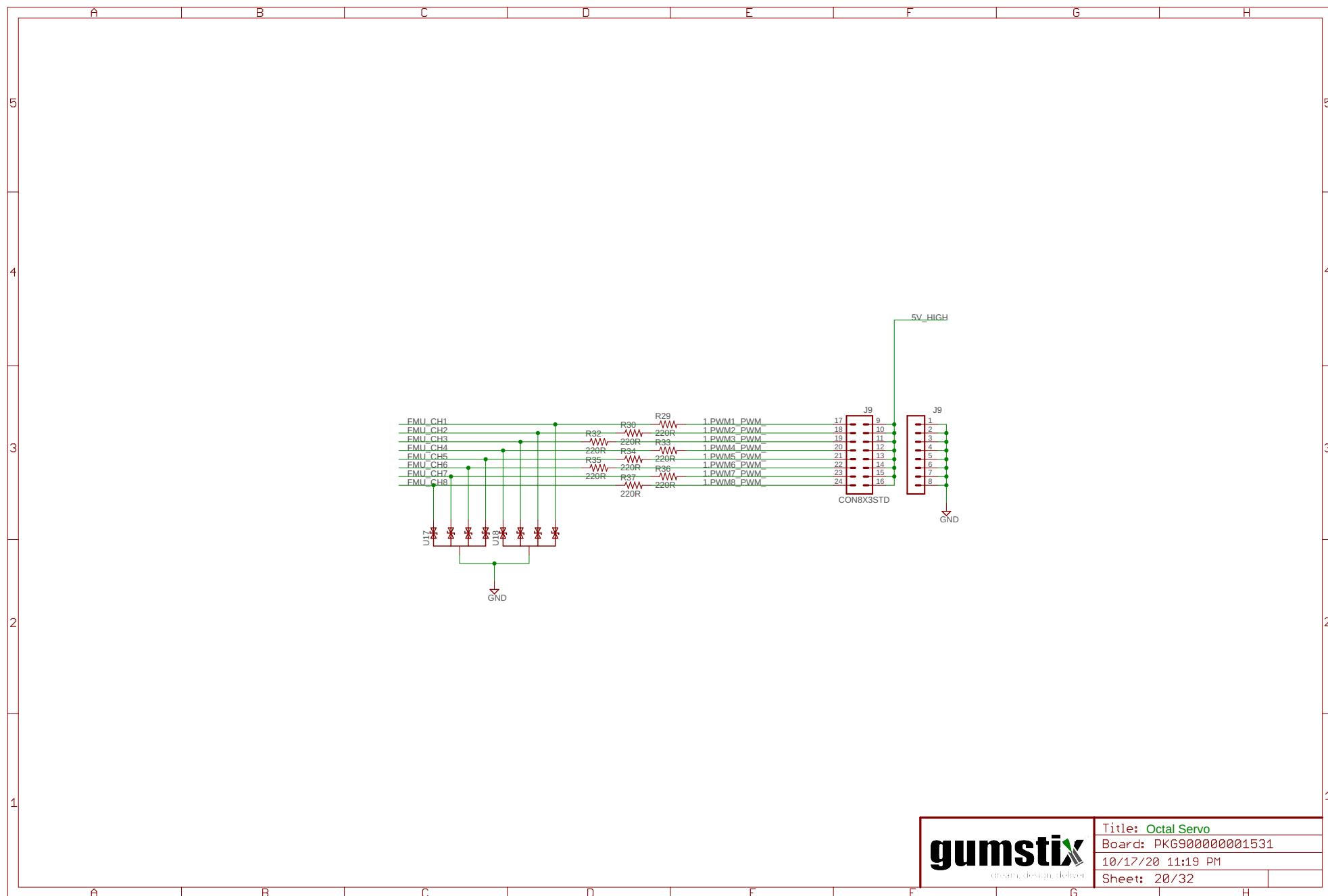


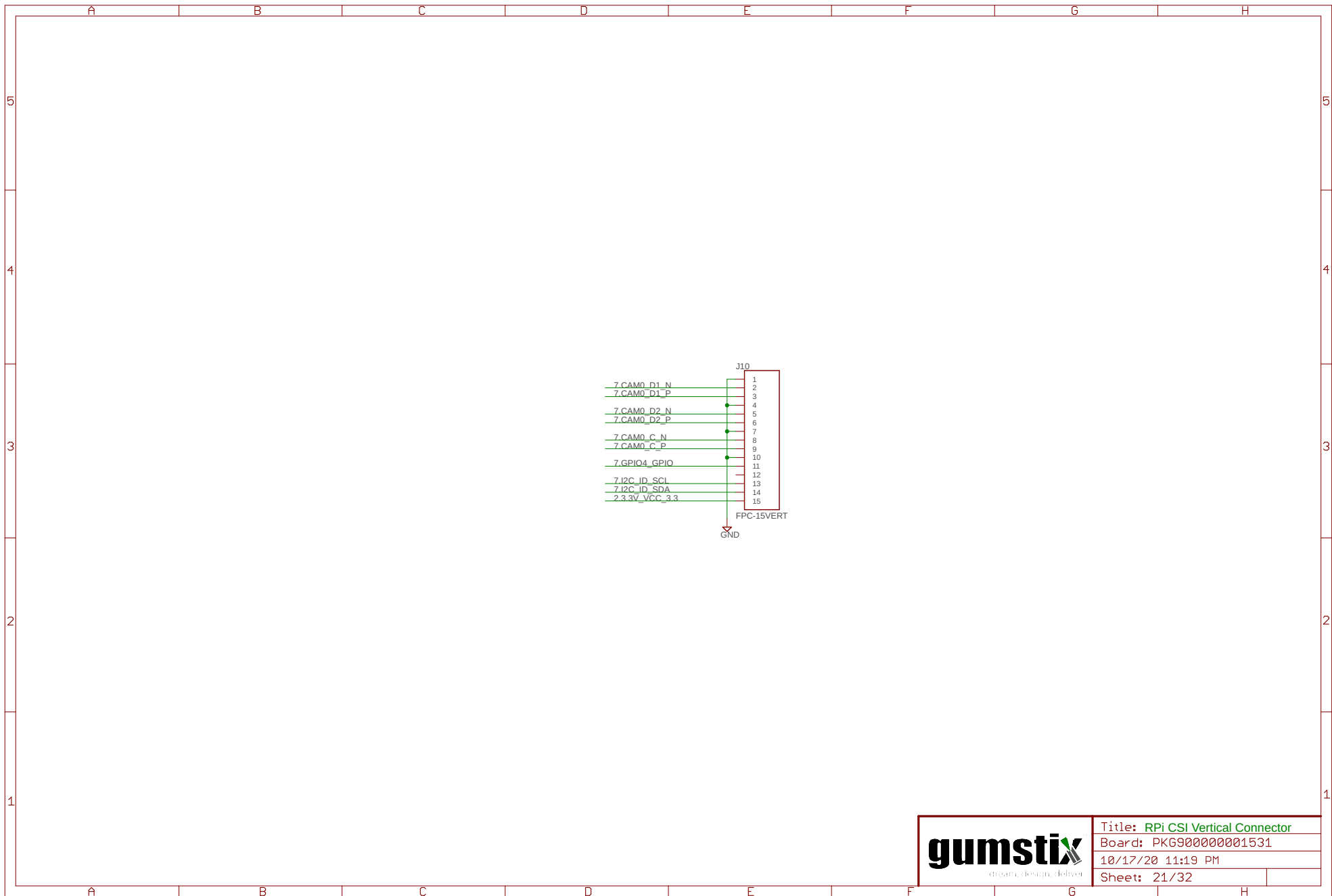


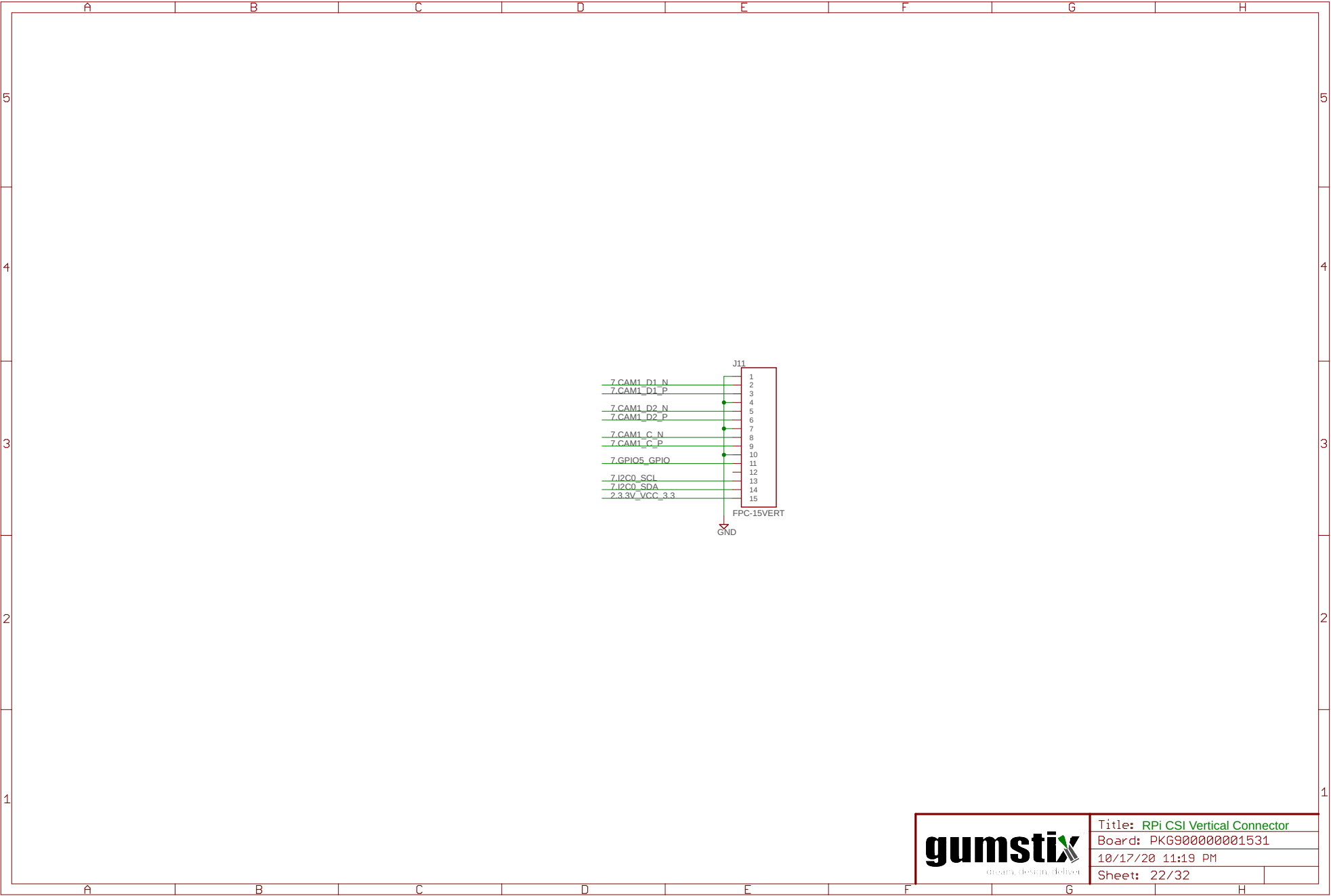


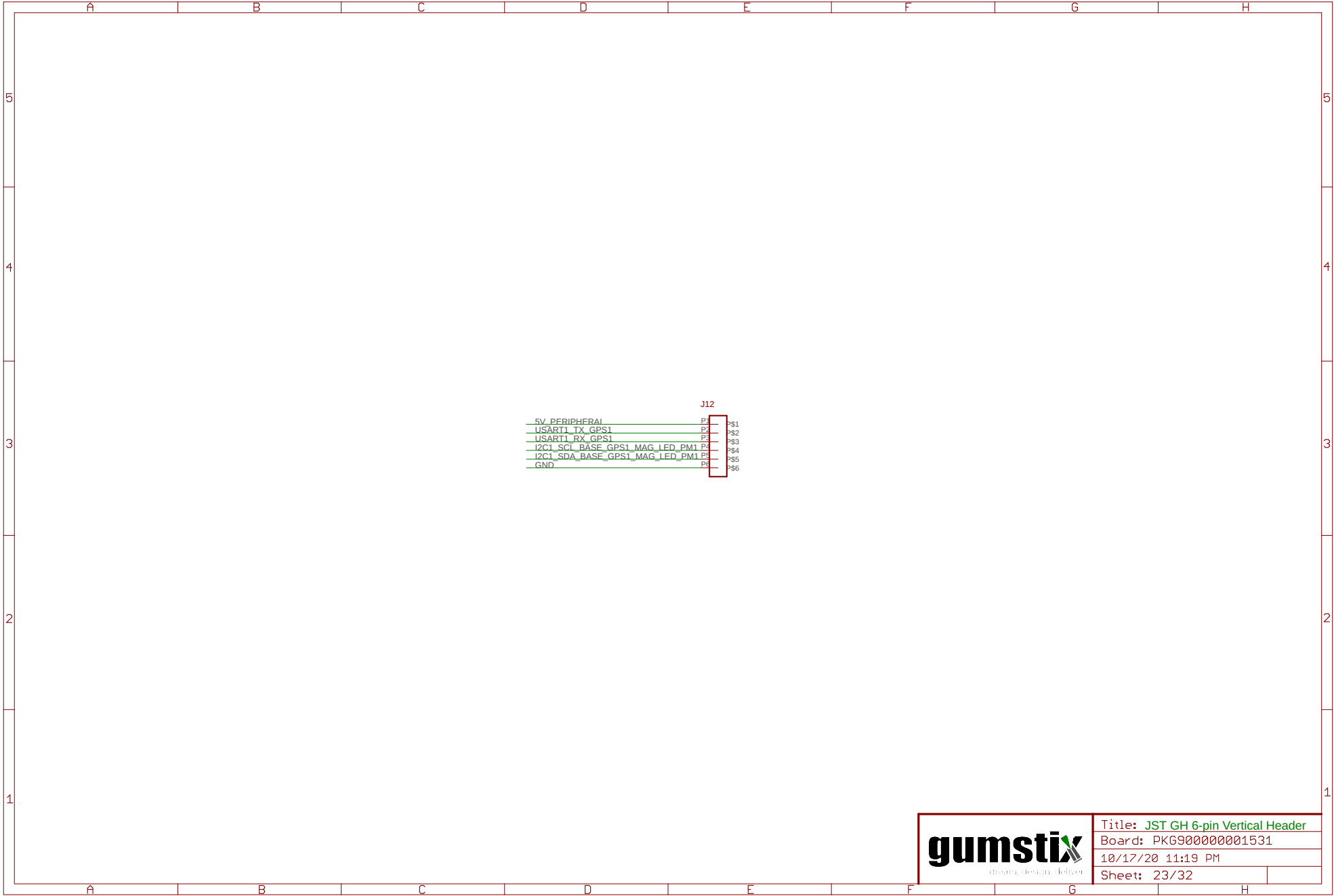




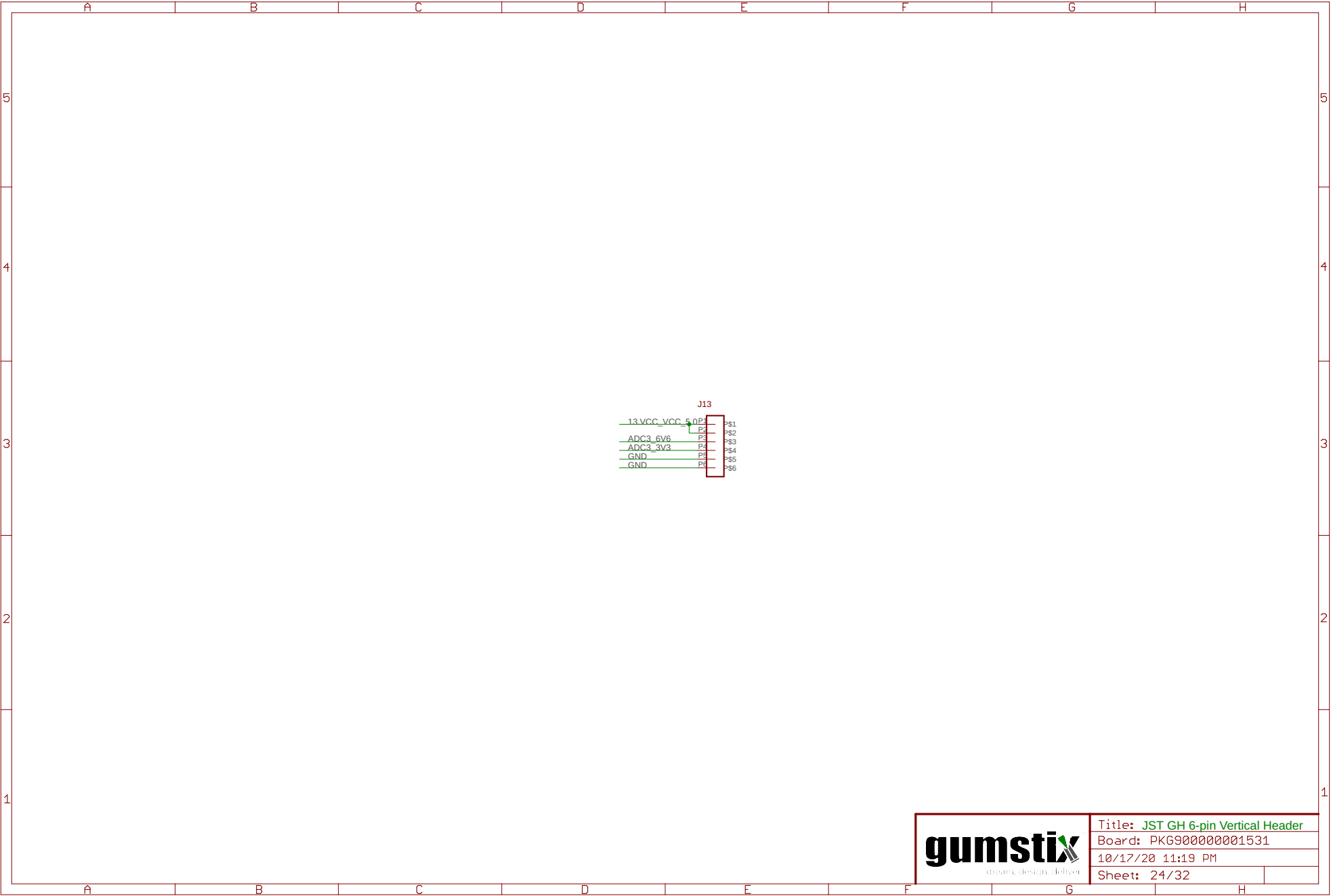


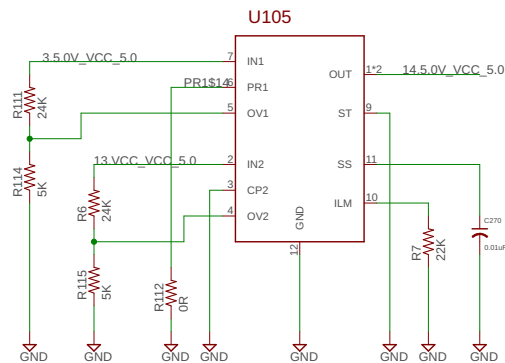


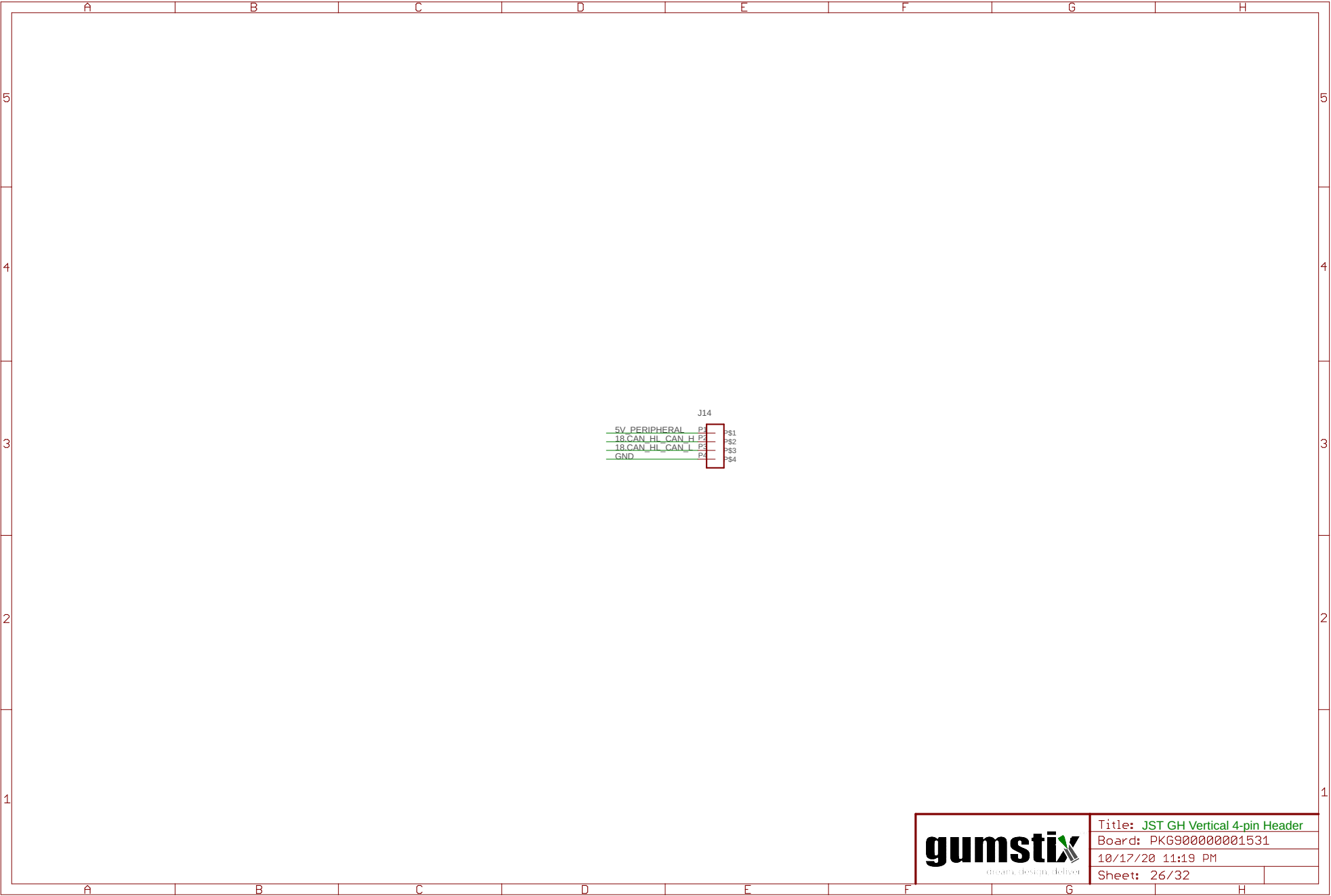




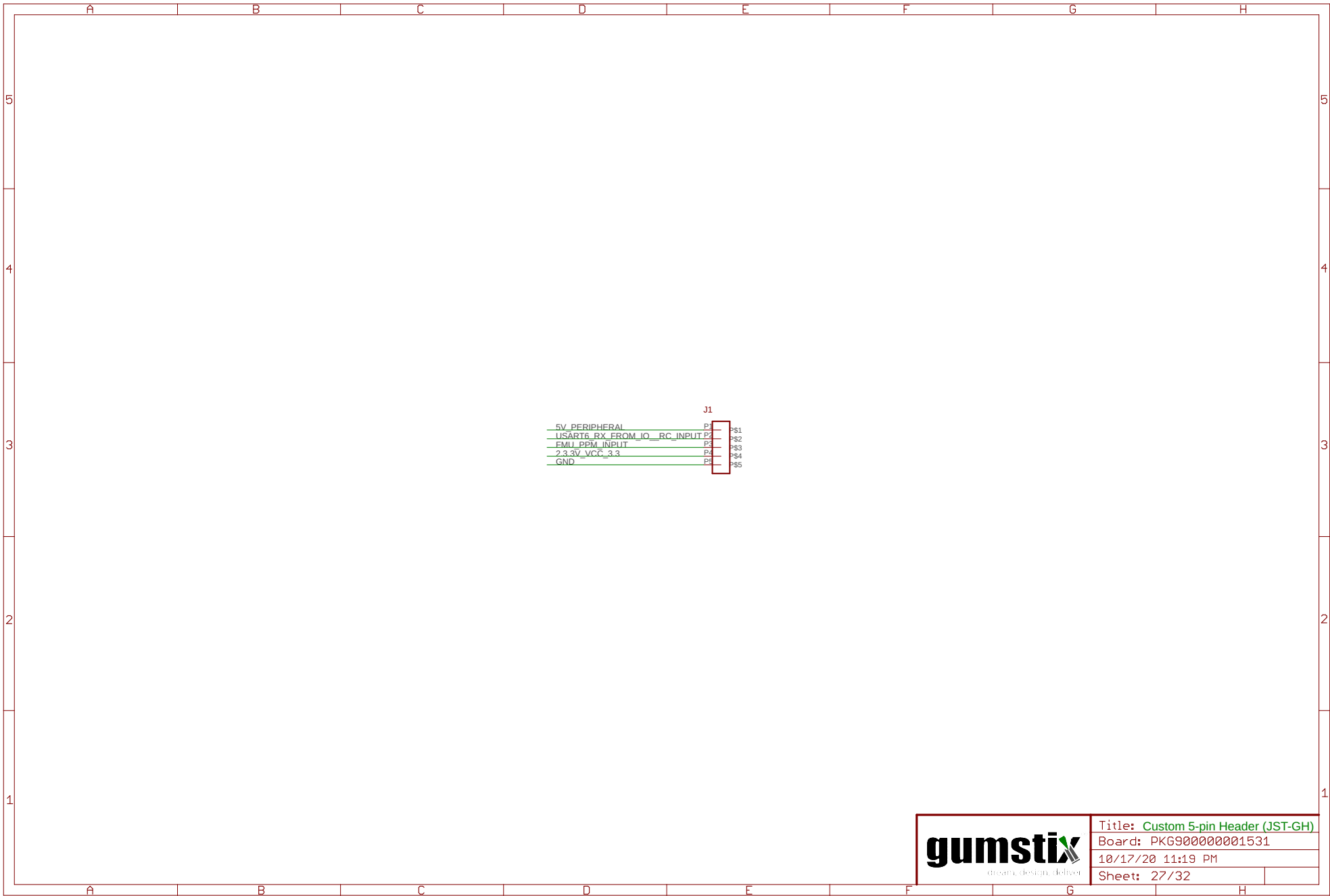
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Board: PKG900000001531	
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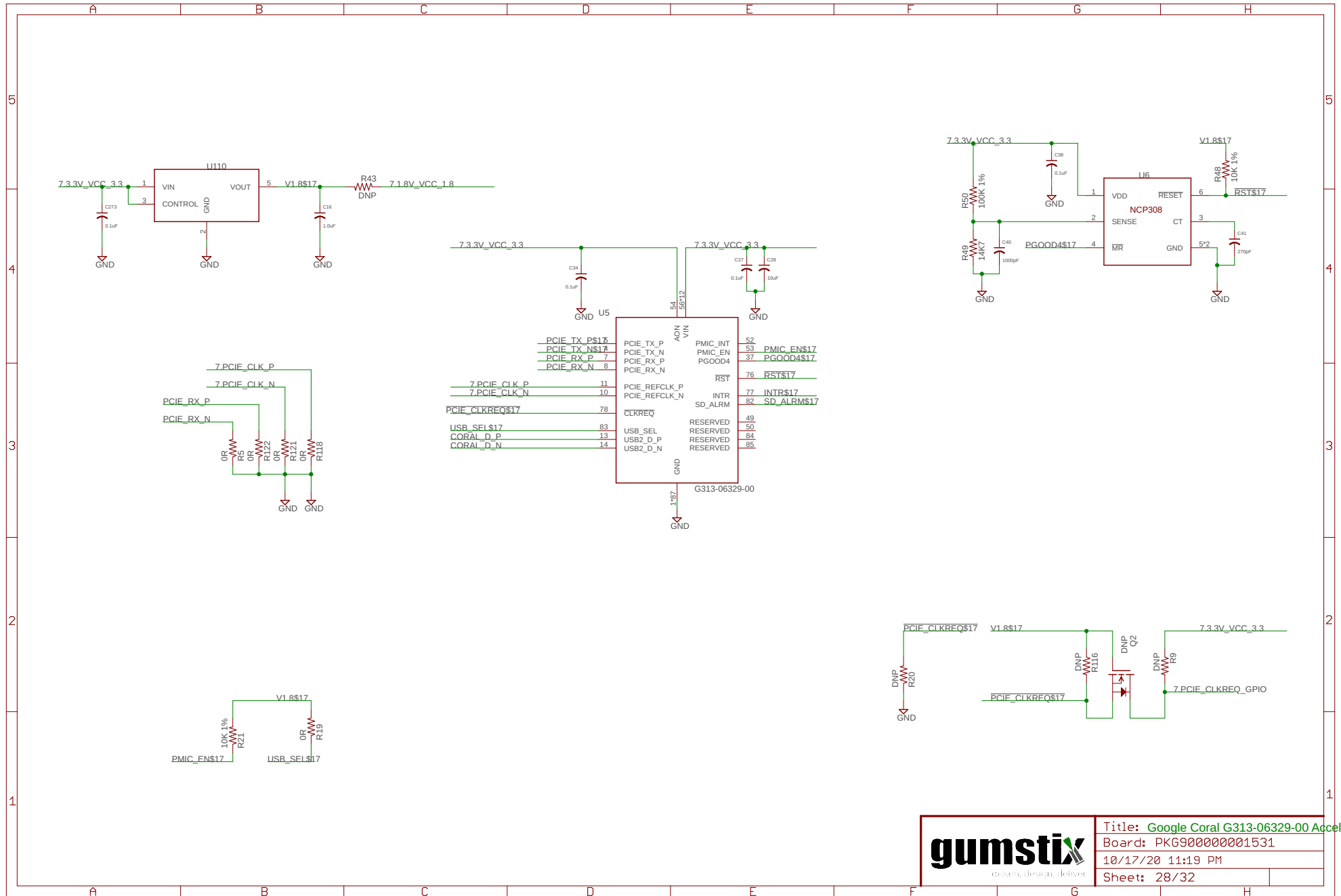




Title: JST GH Vertical 4-pin Header	
Board: PKG900000001531	
10/17/20 11:19 PM	
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Title: Custom 5-pin Header (JST-GH)	
Board: PKG900000001531	
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Title: NXP TJA1051TK/3 CAN Transceiver	
Board: PKG900000001531	
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