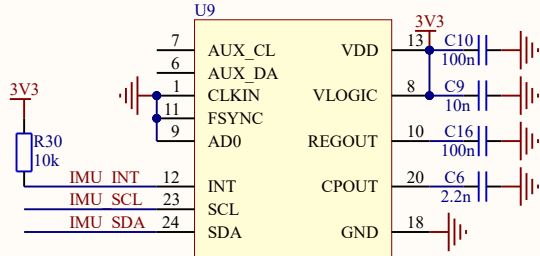
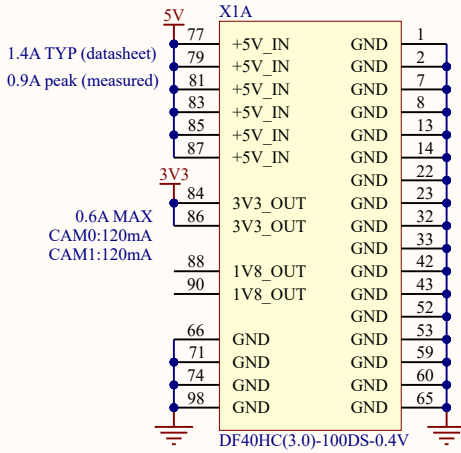
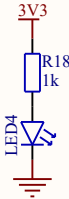
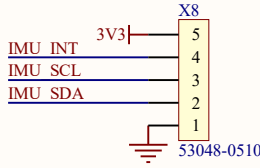
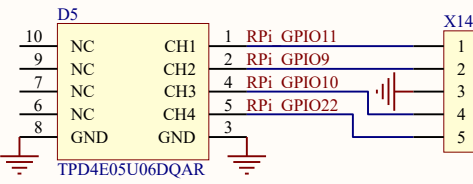


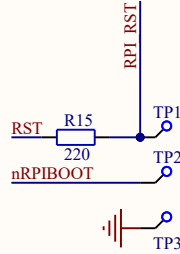
# RPi4-CM CONN 1

X1B			GPIO_Vref		
ID_SD/SDA6/TXD2	/SDA0	/GPIO0	36	ID_SD	Internal 1.8k PU
ID_SC/SCL6/RXD2	/SCL0	/GPIO1	35	ID_SC	Internal 1.8k PU
SDA3/CTS2	/SDA1	/GPIO2	58	IMU_SDA	Internal 1.8k PU
SCL3/RTS2	/SCL1	/GPIO3	56	IMU_SCL	Internal 1.8k PU
SDA3/TXD3	/GPCLK0	/GPIO4	54		Internal 60k PU
SCL3/RXD3	/GPCLK1	/GPIO5	34		Internal 60k PU
SDA4/CTS3	/GPCLK2	/GPIO6	30		Internal 60k PU
SCL4/RTS3	/SPI0_CE1_N	/GPIO7	37		Internal 60k PU
SDA4/TXD4	/SPI0_CE0_N	/GPIO8	39		Internal 60k PU
SCL4/RXD4	/SPI0_MISO	/GPIO9	40	RPi GPIO9	Internal 60k PD
SDA5/CTS4	/SPI0_MOSI	/GPIO10	44	RPi GPIO10	Internal 60k PD
SCL5/RTS4	/SPI0_SCLK	/GPIO11	38	RPi GPIO11	Internal 60k PD
SDA5/TXD5	/PWM0_0	/GPIO12	31	DIM	Internal 60k PD
SCL5/RXD5	/PWM0_1	/GPIO13	28	IMU_INT	Internal 60k PD
TXD1/CTS5	/TXD0	/GPIO14	55	MCU_RX	
RXD1/RTS5	/RXD0	/GPIO15	51	MCU_TX	UART0 default
CTS1/SPI1_CE2_N/		/GPIO16	29		Internal 60k PD
RTS1/SPI1_CE1_N/		/GPIO17	50	MCU_BOOT0	Internal 60k PD
PWM0_0/SPI1_CE0_N/PCM_CLK		/GPIO18	49		Internal 60k PD
PWM0_1/SPI1_MISO/PCM_FS		/GPIO19	26	LED_G1	Internal 60k PD
GPCLK0/SPI1_MOSI/PCM_DIN		/GPIO20	27		Internal 60k PD
GPCLK1/SPI1_SCLK/PCM_DOUT		/GPIO21	25		Internal 60k PD
SDA6/ARM_TRST/SD0_CLK		/GPIO22	46	RPi GPIO22	Internal 60k PD
SCL6/ARM_RTCK/SD0_CMD		/GPIO23	47		Internal 60k PD
SPI3_CE1_N/ARM_TDO/SD0_DAT0		/GPIO24	45		Internal 60k PD
SPI4_CE1_N/ARM_TCK/SD0_DAT1		/GPIO25	41		Internal 60k PD
SPI5_CE1_N/ARM_TDI/SD0_DAT2		/GPIO26	24	LED_G2	Internal 60k PD
SPI6_CE1_N/ARM_TMS/SD0_DAT3		/GPIO27	48	MCU_RST	Internal 60k PD
SDA0/SPI0_CE1_N/GPCLK1		/GPIO44	82	SDA0	Internal 1.8k PU
SCL0/SPI0_CE2_N/PWM0_1		/GPIO45	80	SCL0	Internal 1.8k PU
Camera_GPIO			97	CAM_GPIO	?
GLOBAL_EN			99		Internal 100k PU
PI_LED_nPWR			95		Needs to be buffered
nRPIBOOT			93	nRPIBOOT	Internal 10k PU
RUN_PG/#RST			92	RST	Internal 10k PU
RST_OUT			100		
WL_nDisable			89		Internal 1.8k PU
BT_nDisable			91		Internal 1.8k PU
USB_CC0			96		
USB_CC1			94		
EEPROM_nWP			20		Internal 100k PU. EEPROM stores bootcode.
Pi_nLED_Activity			21		

DF40HC(3.0)-100DS-0.4V

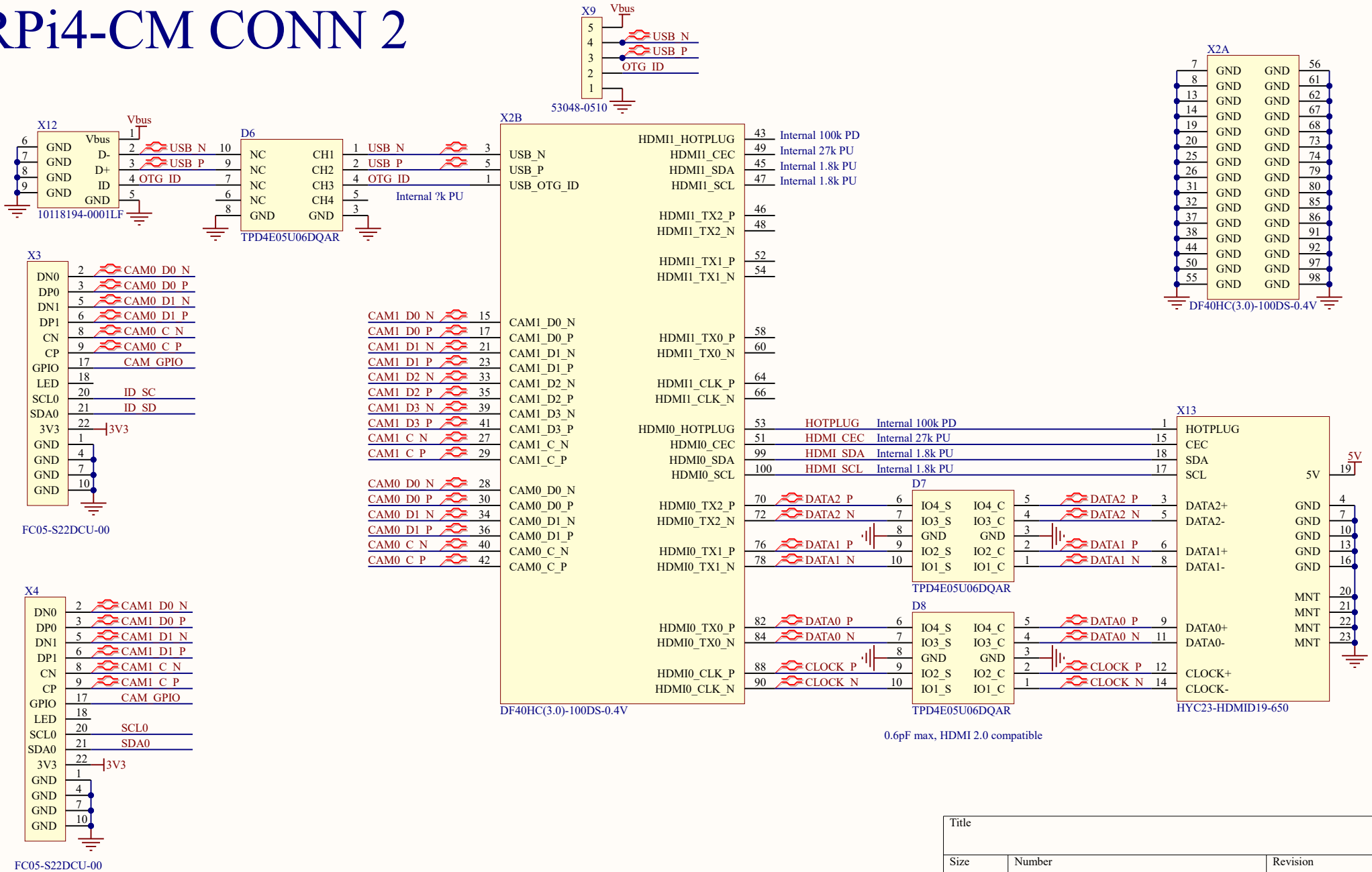


MPU-6050  
ADDRESS: 011010110 = 0xD6



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# RPi4-CM CONN 2



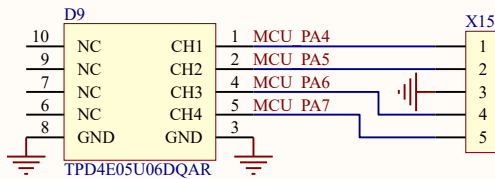
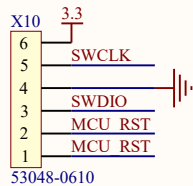
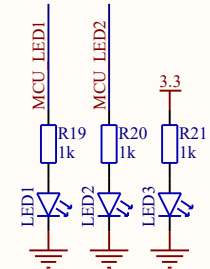
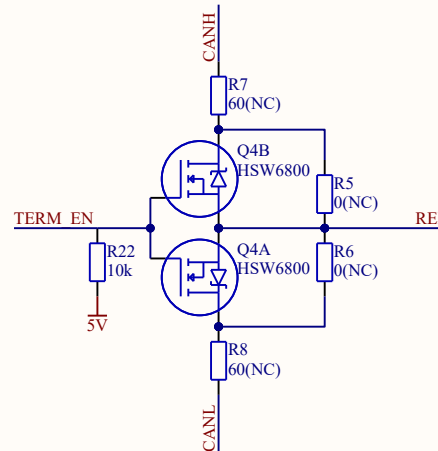
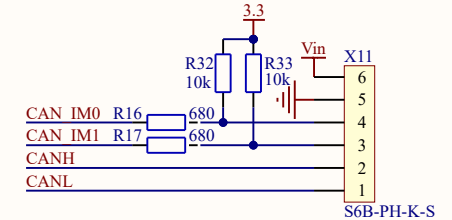
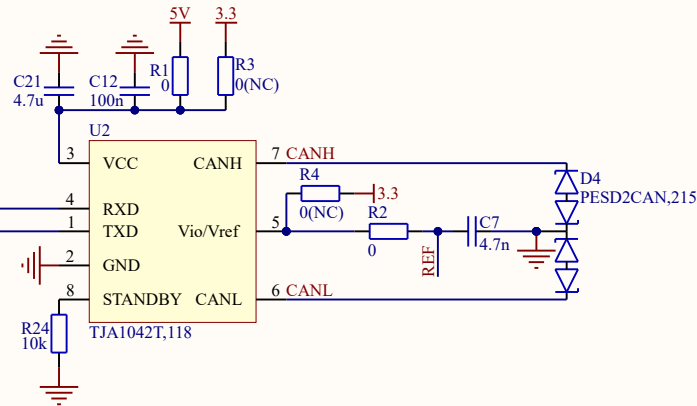
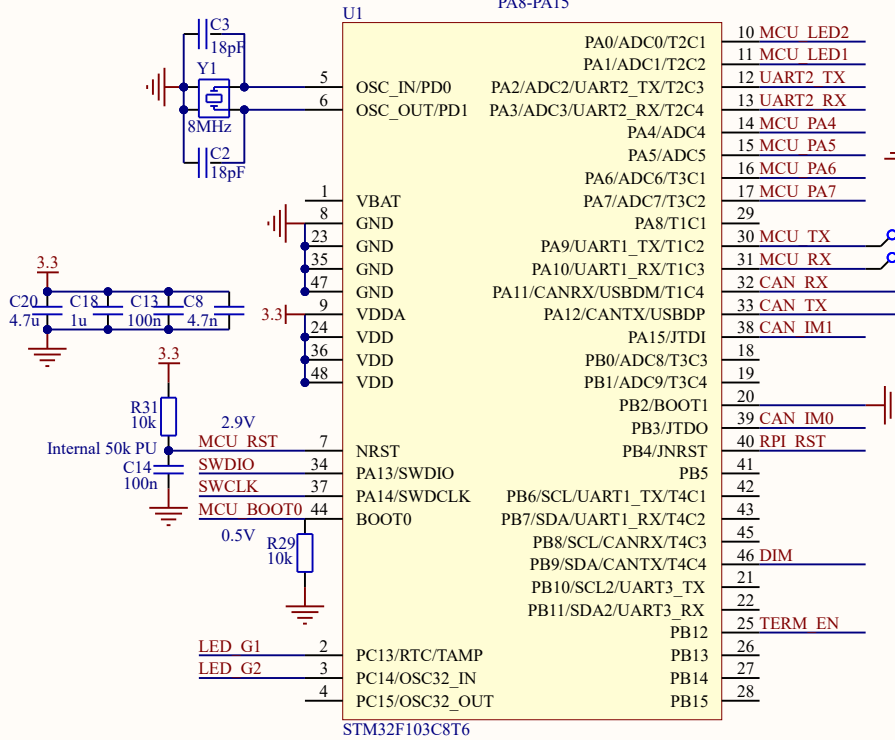
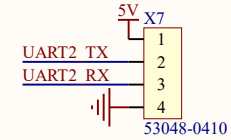
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# MCU

5V tolerant ports:  
PB2-PB15  
PA8-PA15

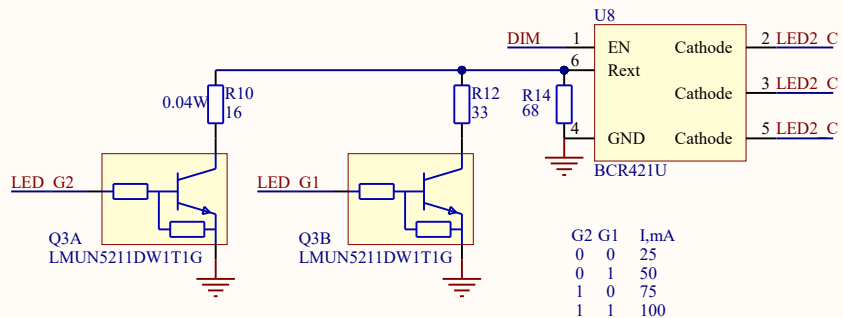
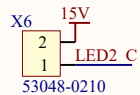
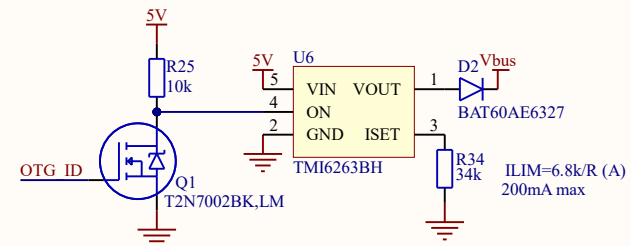
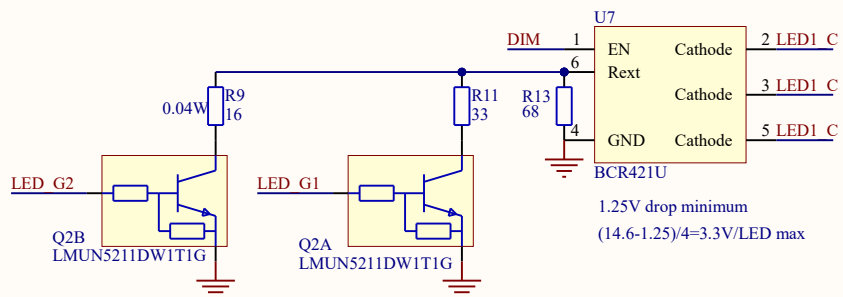
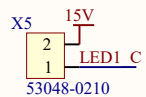
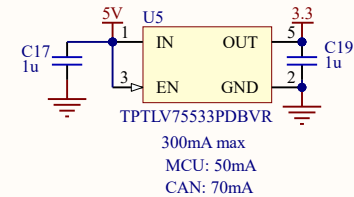
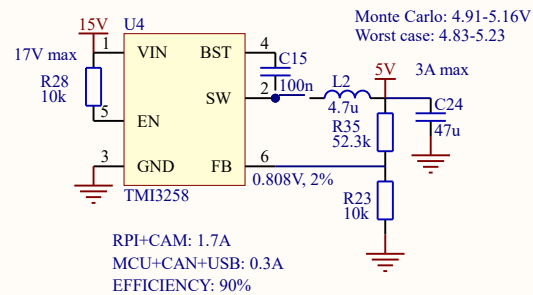
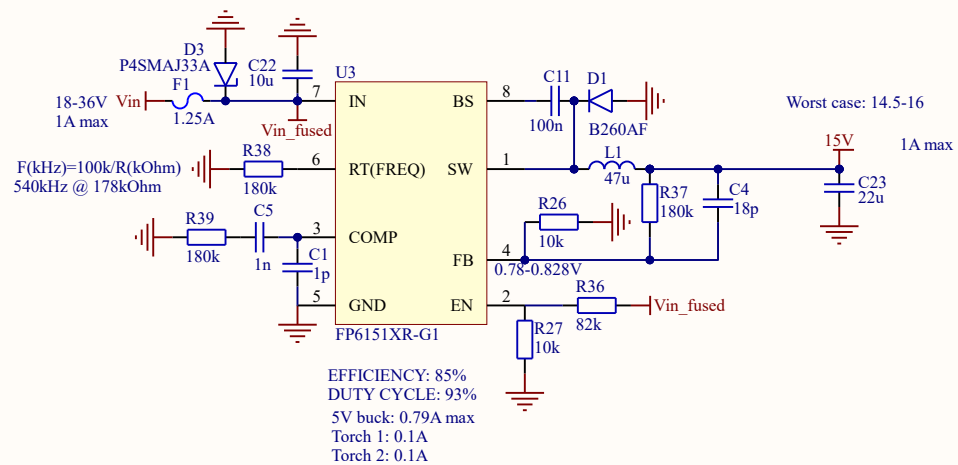
TJA1042	R2	R3	R4	R5
MCP2561	0	NC	NC	0
TJA1042T/3	0	NC	0	NC
MCP2562	0	NC	0	NC
SN65HVDV230	NC	0	NC	0
SN65HVDV231	NC	0	NC	0
SN65HVDV232	NC	0	NC	NC

Debug UART



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# POWER



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