

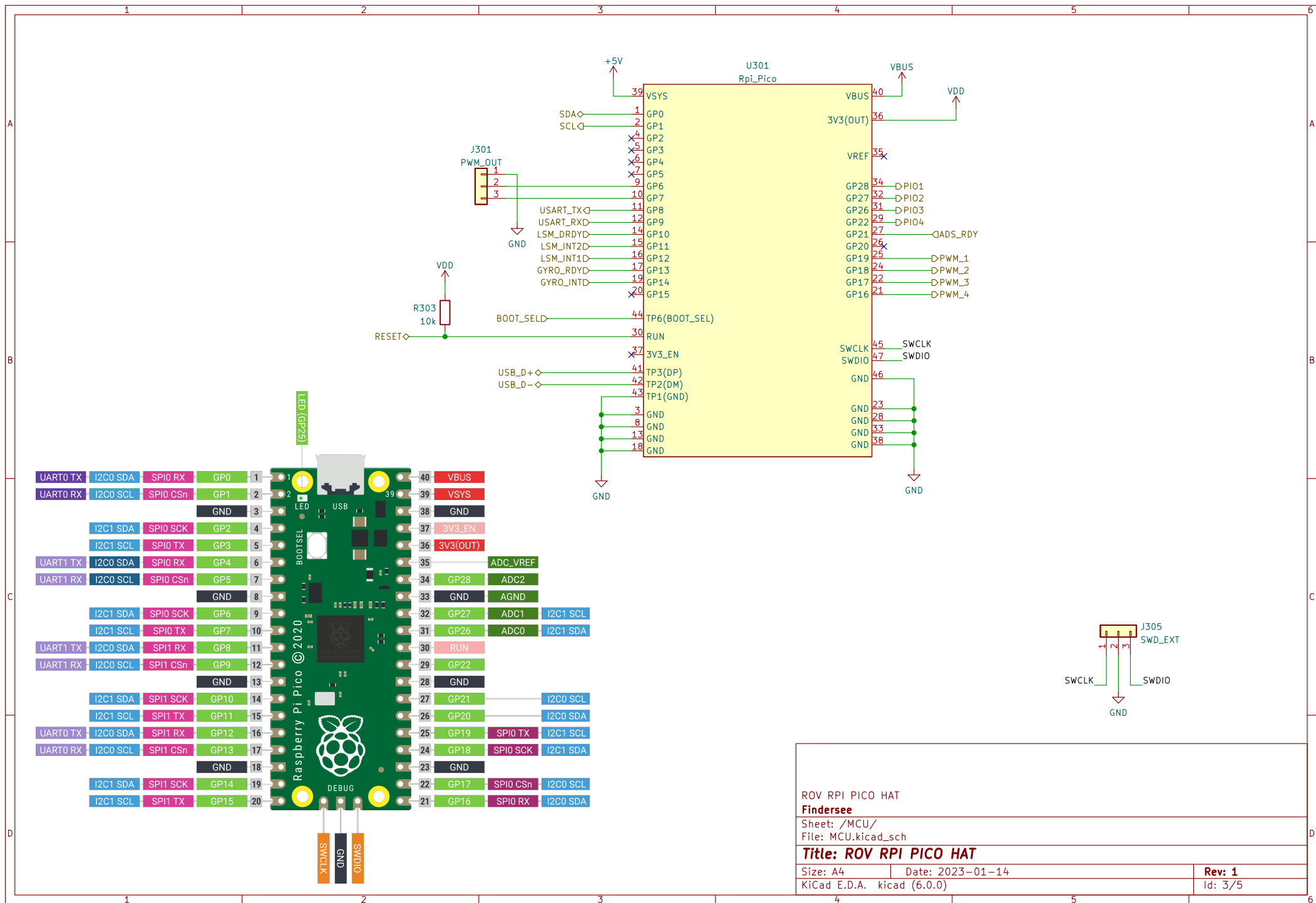
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Sheet: /Sensors/
File: Sensors.kicad_sch

Title: ROV RPI PICO HAT

Size: A4 Date: 2023-01-14
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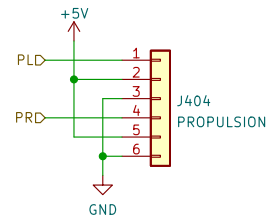
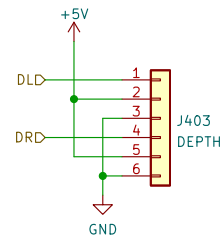
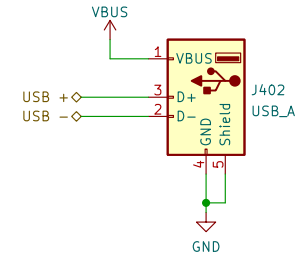
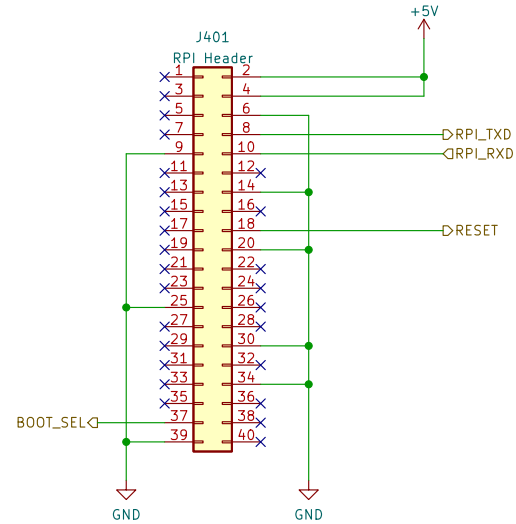
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Raspberry Pi2 GPIO Header				
Pin#	NAME		NAME	Pin#
01	3.3v DC Power		DC Power 5v	02
03	GPIO12 (SDA1 , PC)		DC Power 5v	04
05	GPIO13 (SCL1 , PC)		Ground	06
07	GPIO14 (GPIO_GCLK)		(TXD0) GPIO14	08
09	Ground		(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)		(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)		Ground	14
15	GPIO22 (GPIO_GEN3)		(GPIO_GEN4) GPIO23	16
17	3.3v DC Power		(GPIO_GEN5) GPIO24	18
19	GPIO10 (SPI_MOSI)		Ground	20
21	GPIO19 (SPI_MISO)		(GPIO_GEN6) GPIO25	22
23	GPIO11 (SPI_CLK)		(SPI_CE0_N) GPIO08	24
25	Ground		(SPI_CE1_N) GPIO07	26
27	ID_SD (PC ID EEPROM)		(PC ID EEPROM) ID_SC	28
29	GPIO15		Ground	30
31	GPIO16		GPIO12	32
33	GPIO13		Ground	34
35	GPIO19		GPIO16	36
37	GPIO26		GPIO20	38
39	Ground		GPIO21	40

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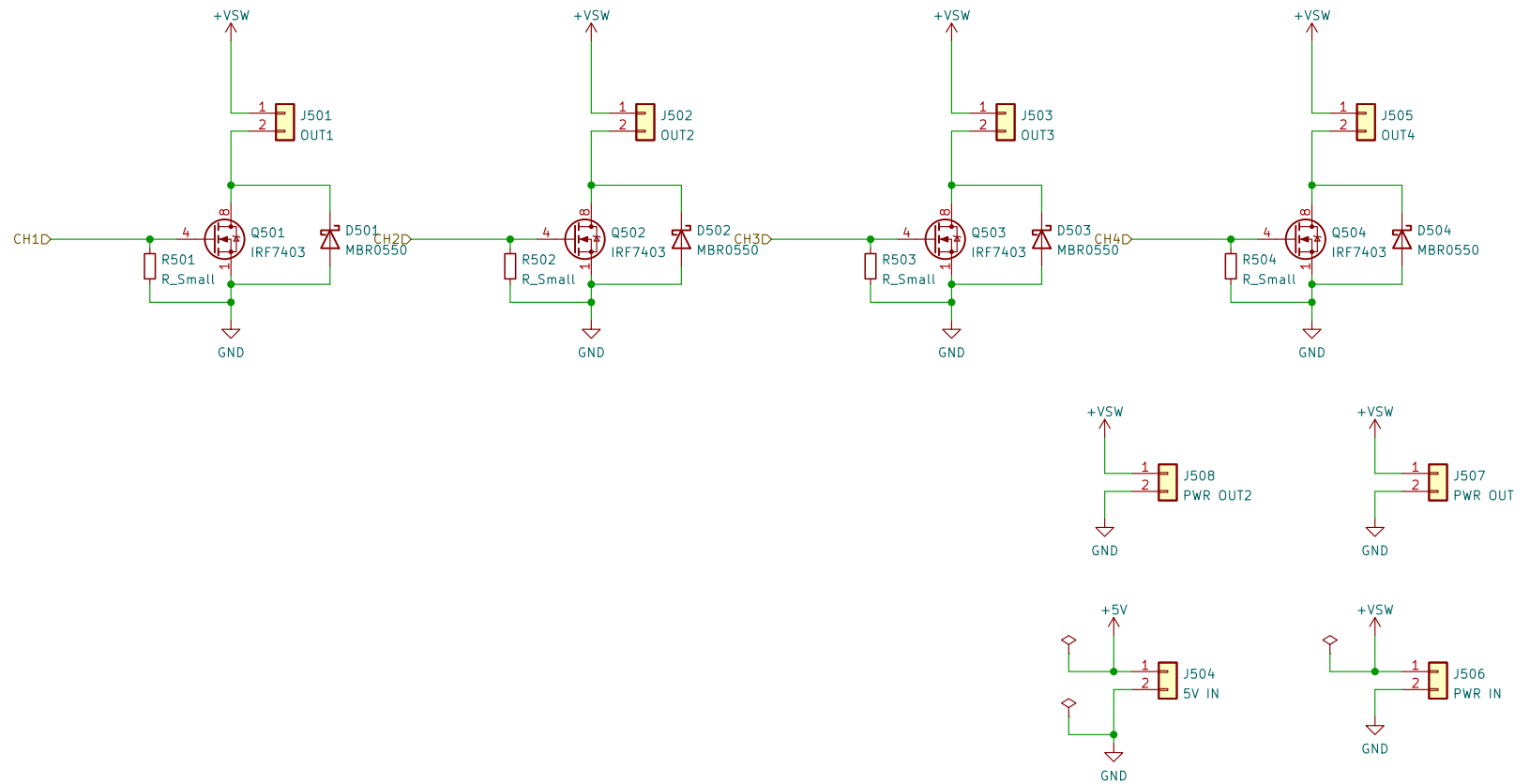
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Size: A4 Date: 2023-01-14

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Sheet: /Power + FETs/
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