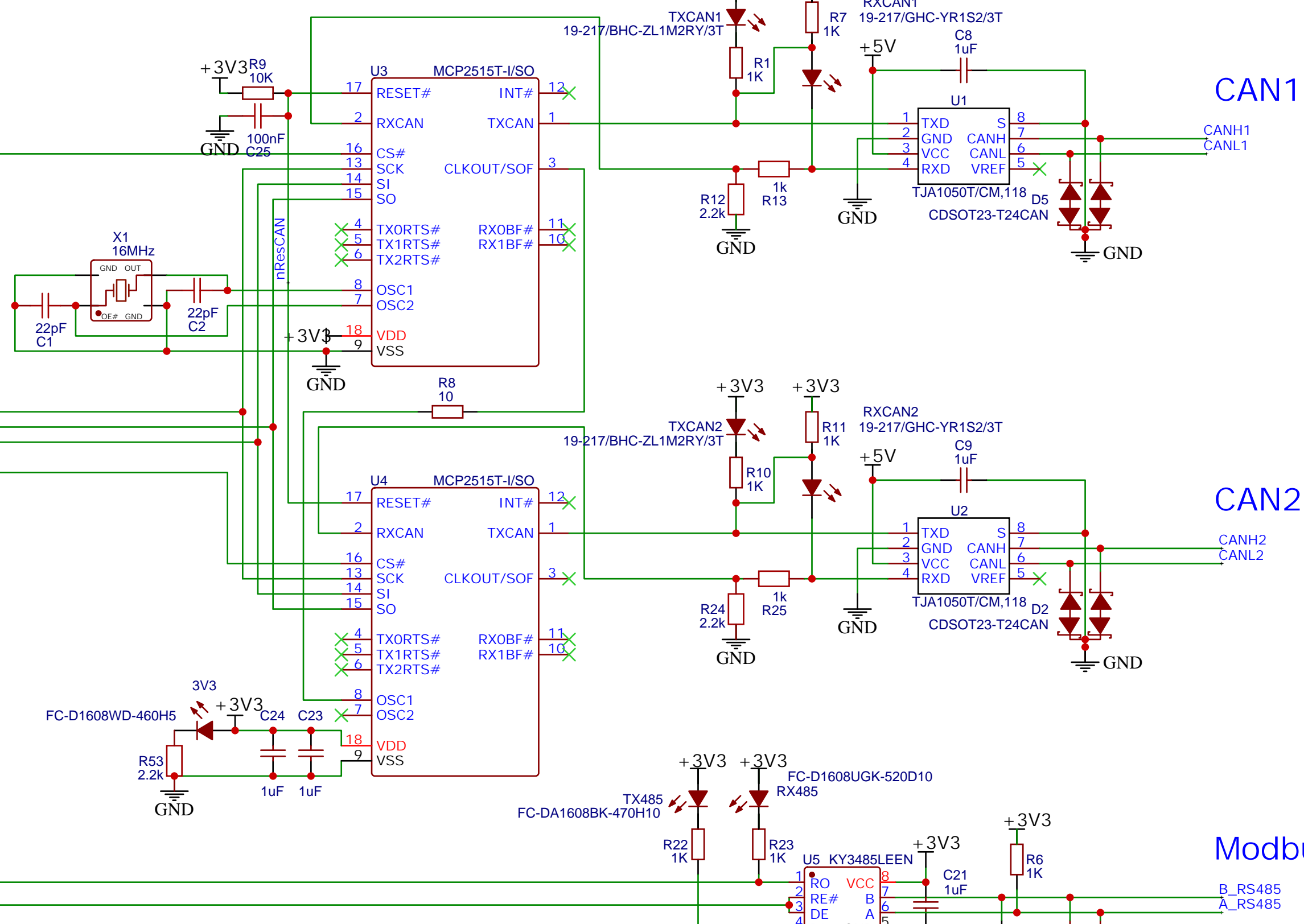
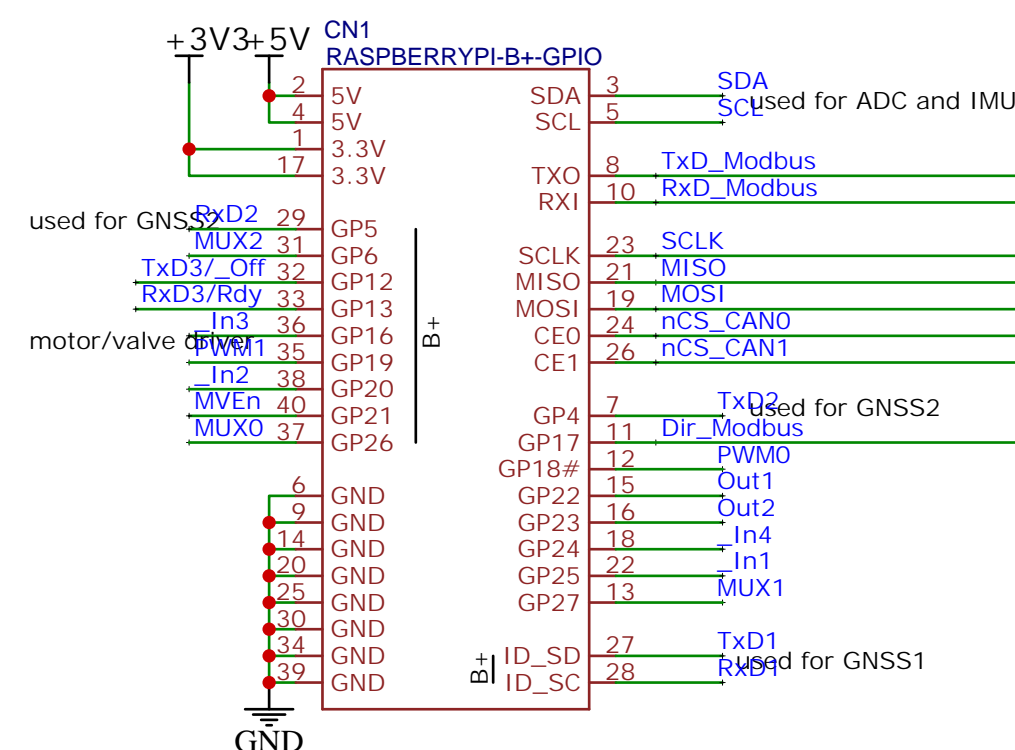




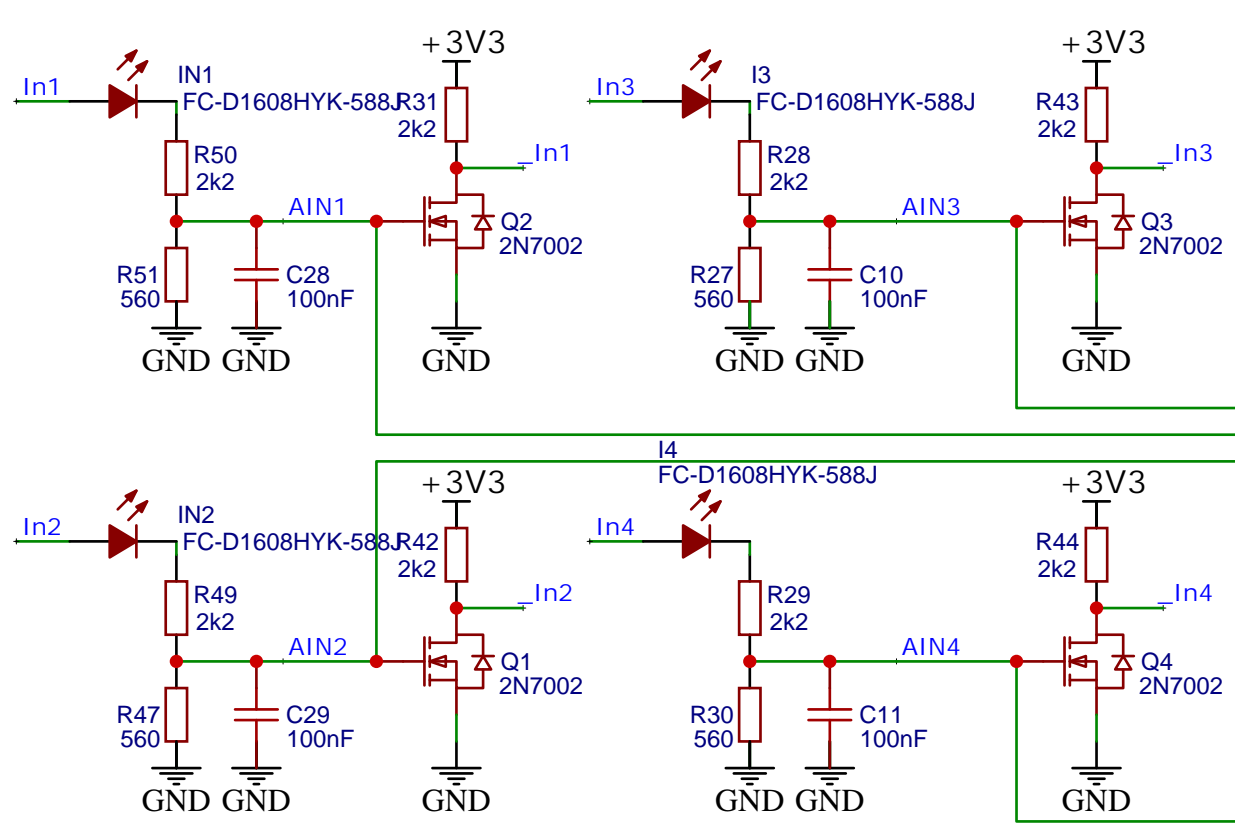
LED colors:
white: power
green/blue: serial data RxD/TxD
yellow/orange: I/O
red: error

3V3 Power	1	2	3V Power	General Purpose Input Output
GPIO 2	3	4	5V Power	SPI (Serial Peripheral Interface)
SDA1	5	6	Ground	I2C (Inter-Integrated Circuit)
GPIO 3	7	8	TXD0	UART (Universal Asynchronous Receiver / Transmitter)
SCL1	9	10	4 EPIS MOSI	Ground (GND)
GPIO 4	11	12	4 EPIS SCLK	5V Power
TXD3	13	14	3V Power	Physical Pin Number
SDA3	15	16	2	4
Ground	17	18	GPIO 17	GPIO 18
SPI1 CE1 N	19	20	SPI1 CE0 N	SPI1 CE0 N
GPIO 27	21	22	Ground	GPIO 23
SPI6 CE1 N	23	24	GPIO 25	GPIO 26
GPIO 22	25	26	GPIO 27	GPIO 28
SDA6	27	28	GPIO 29	GPIO 30
GPIO 24	29	30	GPIO 31	GPIO 32
GPIO 10	31	32	GPIO 33	GPIO 34
SDA5	33	34	GPIO 35	GPIO 36
GPIO 9	35	36	GPIO 37	GPIO 38
SPI0 MOSI	37	38	GPIO 39	GPIO 40
TXD4	39	40	GPIO 41	GPIO 42
SCL4	41	42	GPIO 43	GPIO 44
GPIO 11	43	44	GPIO 45	GPIO 46
SPI0 SCLK	45	46	GPIO 47	GPIO 48
SDA4	47	48	GPIO 49	GPIO 50
GPIO 0	49	50	GPIO 51	GPIO 52
SPI3 MOSI	51	52	GPIO 53	GPIO 54
TXD2	53	54	GPIO 55	GPIO 56
SDA0	55	56	GPIO 57	GPIO 58
GPIO 5	57	58	GPIO 59	GPIO 60
SPI4 MOSI	59	60	GPIO 61	GPIO 62
TXD3	61	62	GPIO 63	GPIO 64
SCL3	63	64	GPIO 65	GPIO 66
GPIO 6	65	66	GPIO 67	GPIO 68
SDA5	67	68	GPIO 69	GPIO 70
GPIO 13	69	70	GPIO 71	GPIO 72
SPI5 MOSI	71	72	GPIO 73	GPIO 74
TXD5	73	74	GPIO 75	GPIO 76
SCL5	75	76	GPIO 77	GPIO 78
GPIO 19	77	78	GPIO 79	GPIO 80
SPI6 MOSI	79	80	GPIO 81	GPIO 82
TXD3/Off	81	82	GPIO 83	GPIO 84
RxD3/Rdy	83	84	GPIO 85	GPIO 86
In3	85	86	GPIO 87	GPIO 88
PWM1	87	88	GPIO 89	GPIO 90
MVEn	89	90	GPIO 91	GPIO 92
MUX0	91	92	GPIO 93	GPIO 94
GPIO 21	93	94	GPIO 95	GPIO 96
GPIO 21	95	96	GPIO 97	GPIO 98
GPIO 21	97	98	GPIO 99	GPIO 100

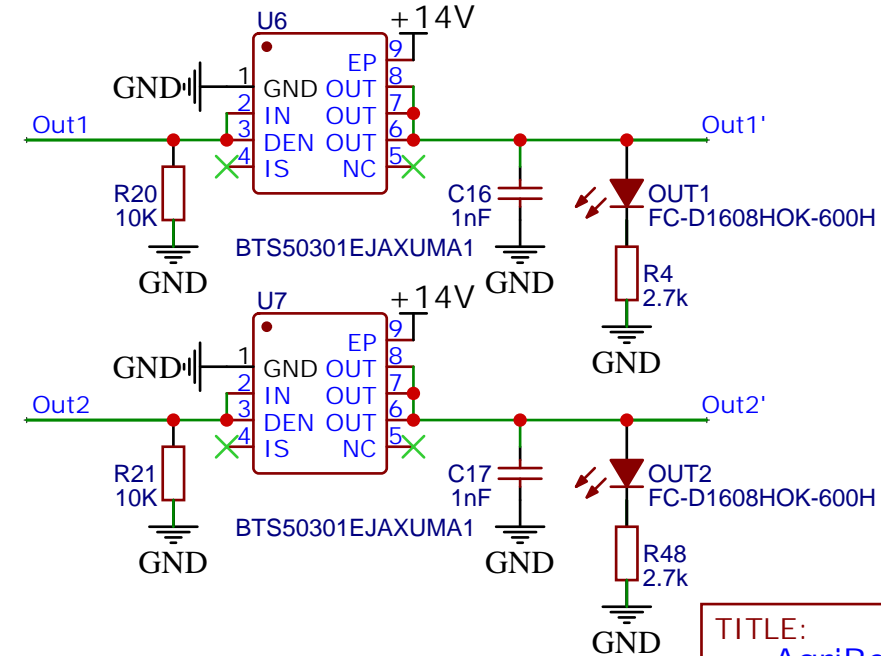
Raspberry Pi 4B



Four protected digital or analog inputs

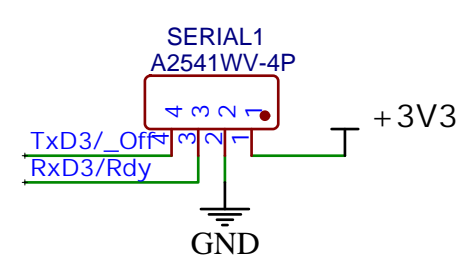


Two protected digital outputs



RS232


e.g.: <https://de.aliexpress.com/item/2054995985.html>





Info: X-connection has 2mm pitch

Two cables with 2 connectors JST GHR-06V-S, Crimp: SSSL-002T-P0.2



Company: agopengps.discourse.group

Date: 2020-10-19 Drawn By: GoRoNb

Sheet: 1/1