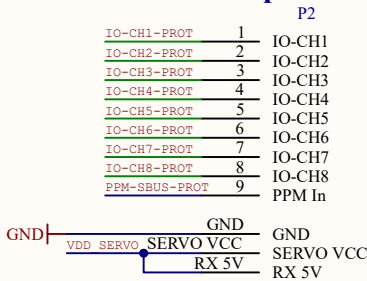
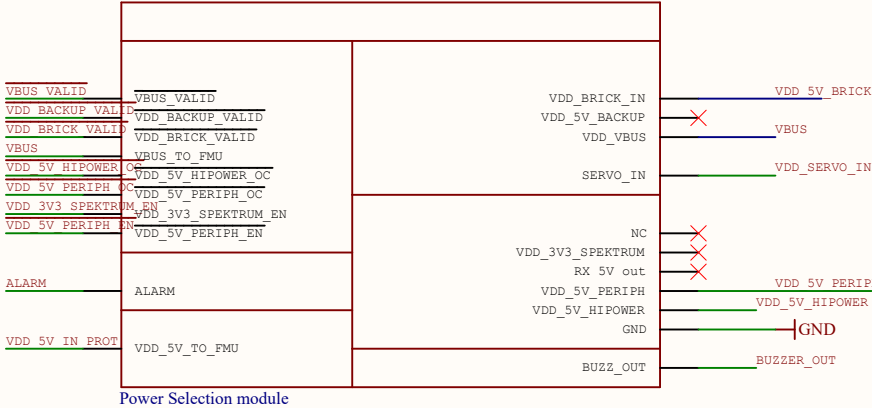
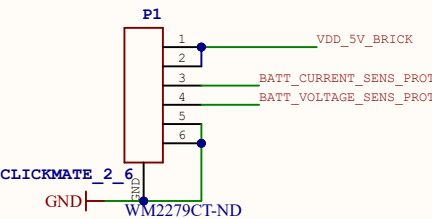


9 Pin PWM Output Header



Cube Power Input

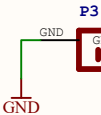


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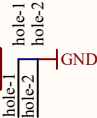
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3

4



CON-DF17-80M



1	2 FMU-LED AMBER	41	42 SERIAL1 RTS
3	4 I2C 2 SDA	43	44 SERIAL1 CTS
5	6 I2C 2 SCL	45	46
7	8	47	48
VDD SERVO IN 9	10	BATT VOLTAGE SENS PROT 47	50
11	12	BATT CURRENT SENS PROT 49	52
13	14	51	54
GND 15	16	VDD SERVO 53	56
SAFETY 17	18	VDD BRICK VALID 55	58
VDD 3V3 SPEKTRUM EN 19	20	VDD BACKUP VALID 57	60
21	22	VBUS VALID 59	62 PPM-SBUS-PROT
23	24 ALARM	VDD 5V IN PROT 61	64
25	26	VDD 5V IN PROT 63	66 IO-CH8-PROT
VDD 5V PERIPH EN 27	28 IO-LED SAFET PROT	65	68 IO-CH7-PROT
VBUS 29	30	67	70 IO-CH6-PROT
OTGD_P 31	32	69	72 IO-CH5-PROT
OTGD_N 33	34 SERIAL2 RX	71	74 IO-CH4-PROT
35	36 SERIAL2 TX	73	76 IO-CH3-PROT
37	38 SERIAL1 RX	75	78 IO-CH2-PROT
CAN L 2 39	40 SERIAL1 TX	CAN L 1 77	80 IO-CH1-PROT
		CAN H 1 79	

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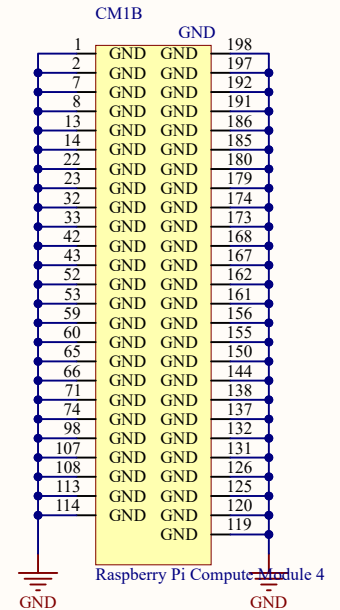
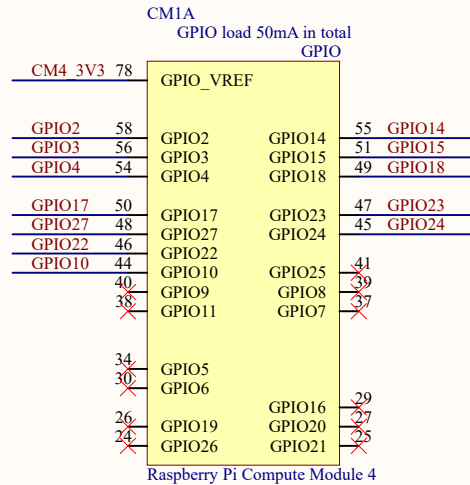
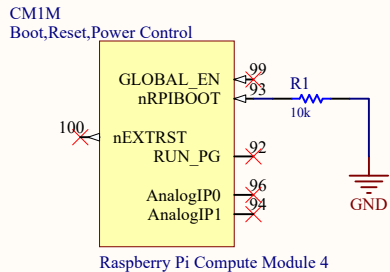
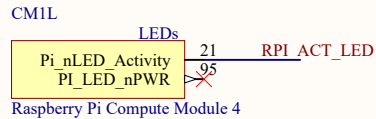
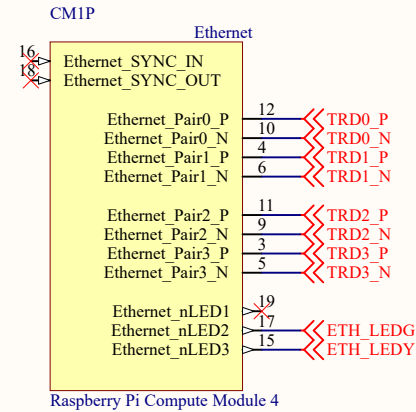
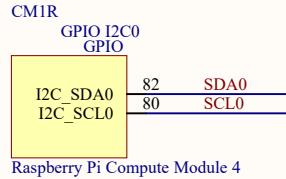
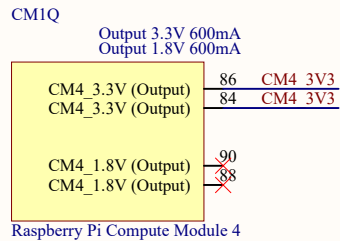
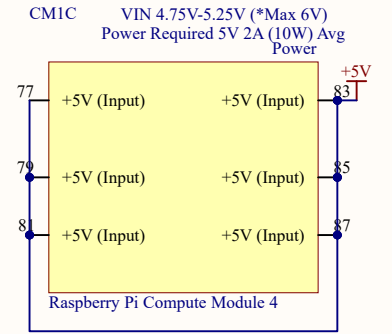
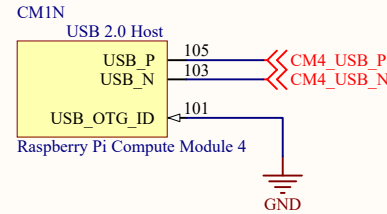
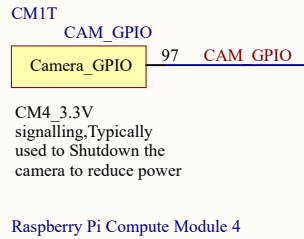
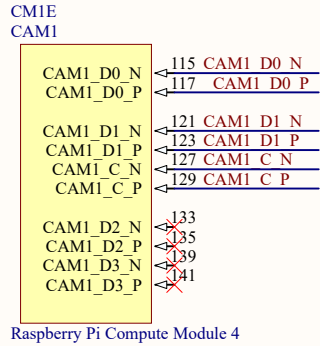
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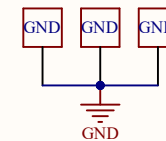
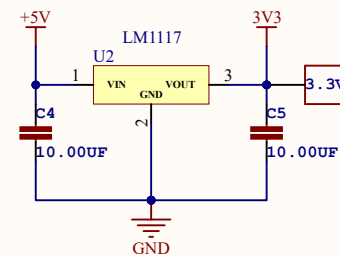
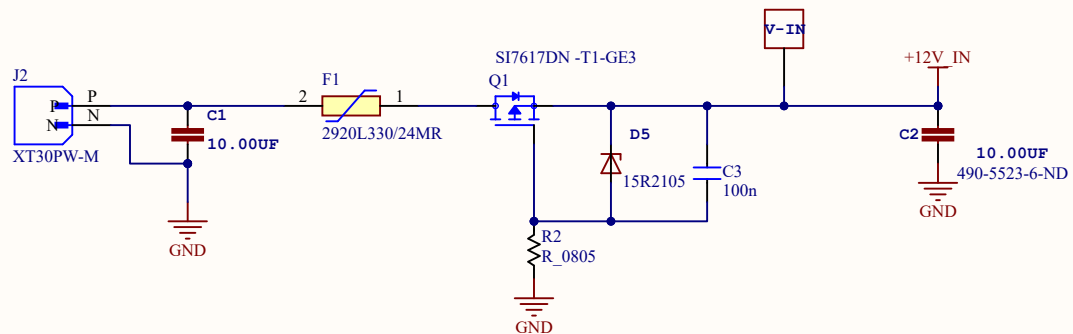
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COMPUTE MODULE 4

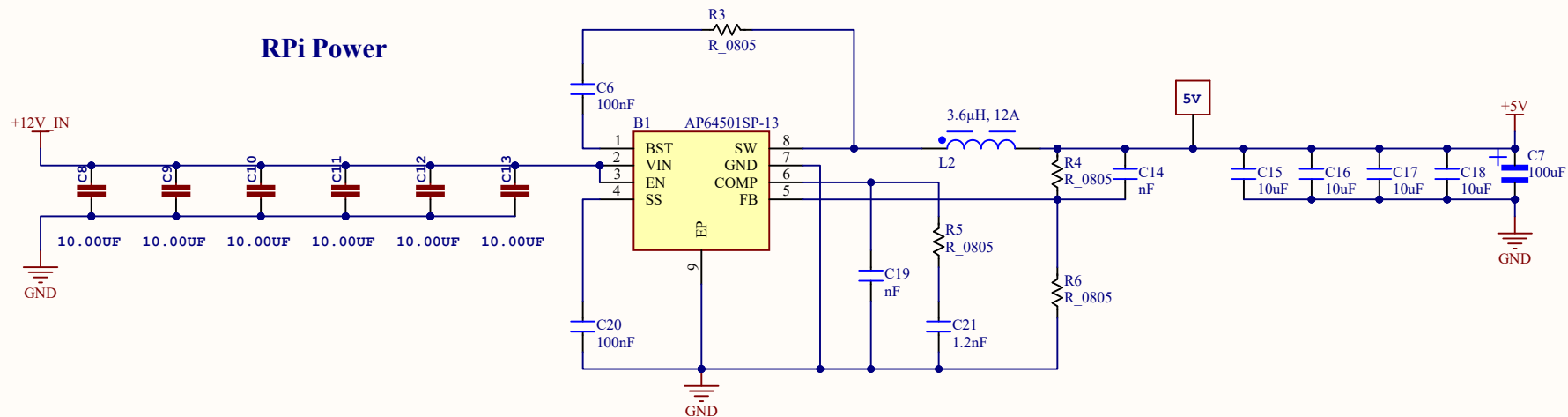


RPI 5V
RPI 5V
RPI 3.3V
RPI 3.3V

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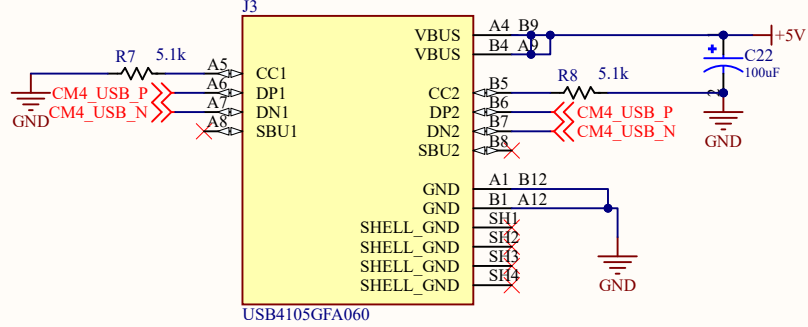


RPi Power

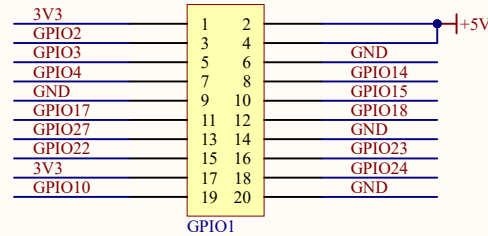


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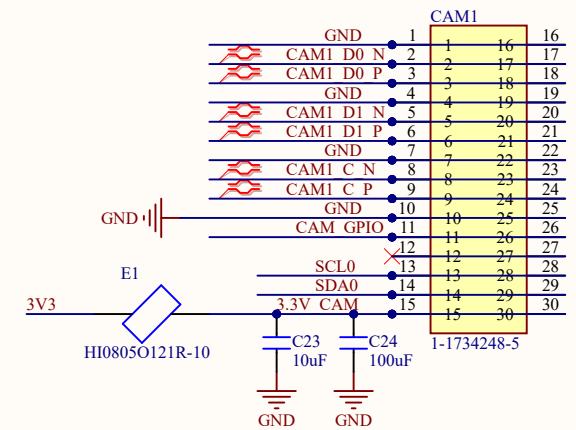
CM4 USB Type-C



20 Pin Header

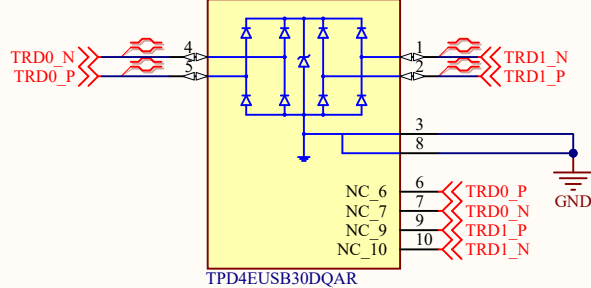


Camera



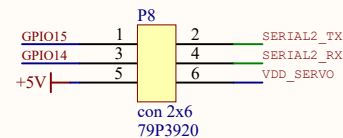
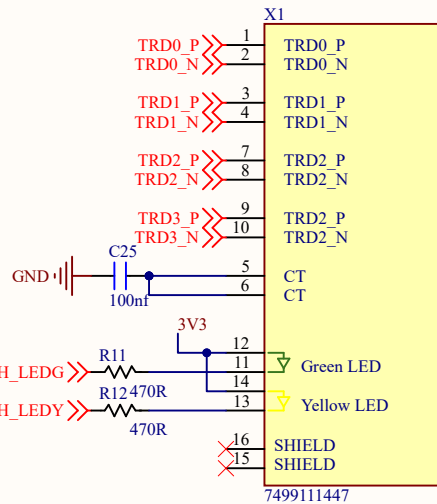
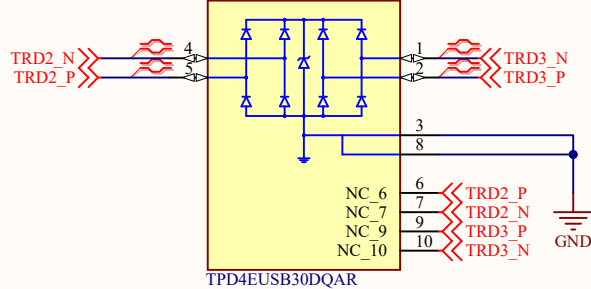
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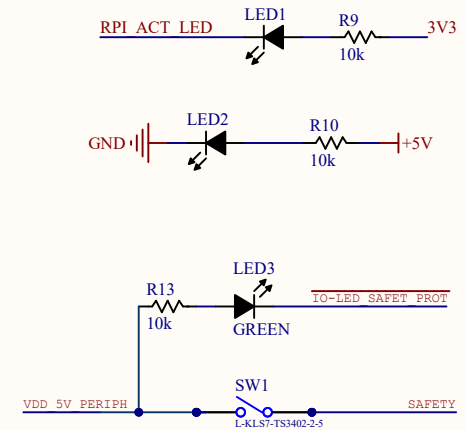


U4

TPD4EUSB30DQAR



Leds + Button



Özellikler ve senaryolar vs:

-RPi Power, Power brick ile, Voltaj regulator kartı ile 5V pad lerlee,(ters korumalı), geliştirme esnasında kolaylık olsun diye USBC DEN besleniyor
Servo bağlantısı için bişey yapmıyoruz, RPi pinlerine bağlayabilirler.

Bir tane USB Hub koyduk, mouse vs de takılabilisin diye, hem de Cube direk USB den bağlı olsun diye.
Cube e giden USB, switch ile direk olarak USB A soketine yönlenebiliyor. Adam ile serial ile cube le haberleşip usb yi de başka şey için kullanabilir.
Cube ile RPi hem USB üzerinden hem de Serial üzerinden bağlanıyor.
USB lere Test point koyabiliriz USB lehimleme için, ya da dip kılıf zaten USB her türlü lehimlerle.

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