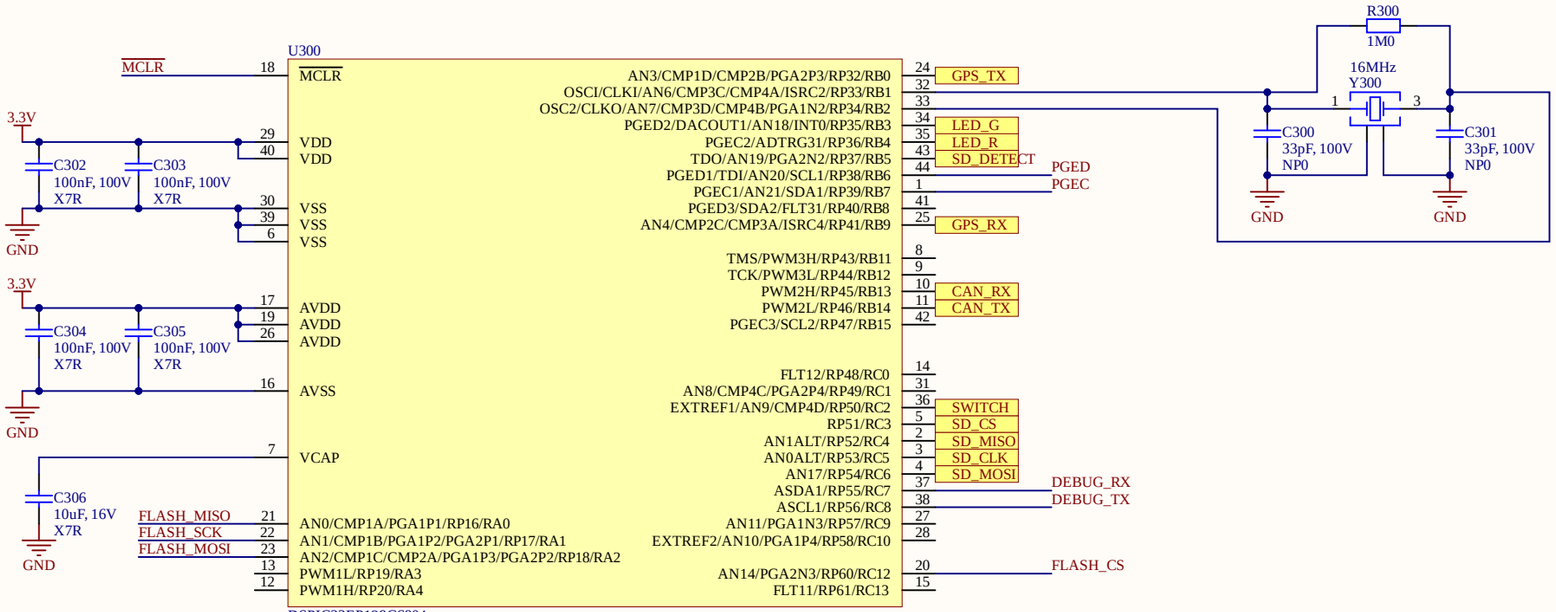
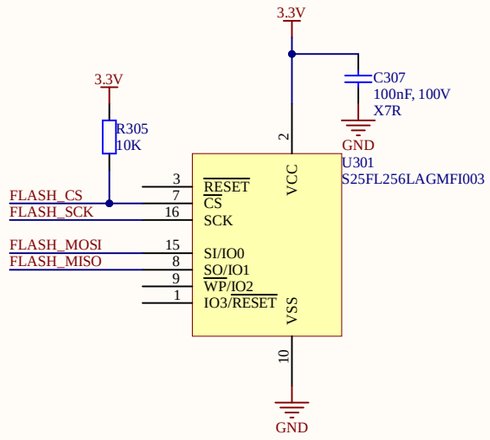
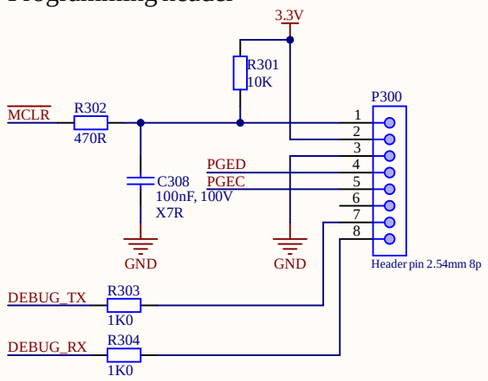
Microcontroller

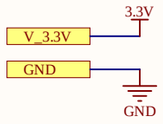


Flash memory



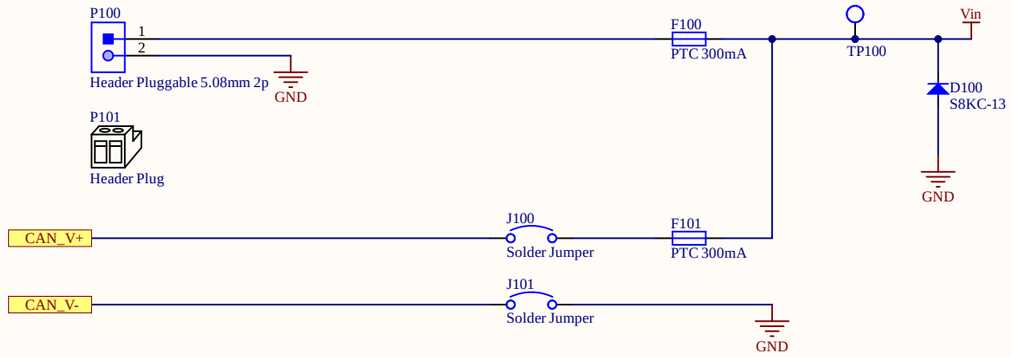
Programming header

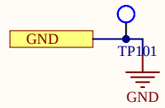




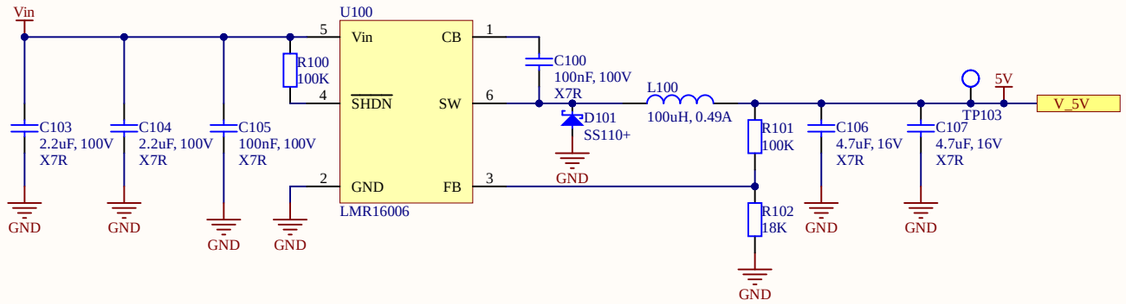
Title *004-H-01 SD data logger*		*Sunflare Solar Team*
Size: A3	Version: V1.00	*Drachten*
Date: 4/1/2021	Sheet 1 of 1	*The Netherlands*

Power supply connector

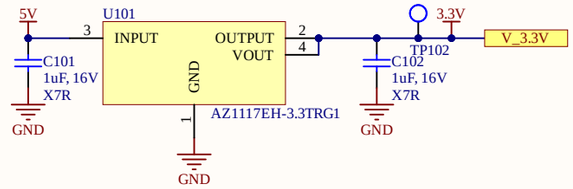




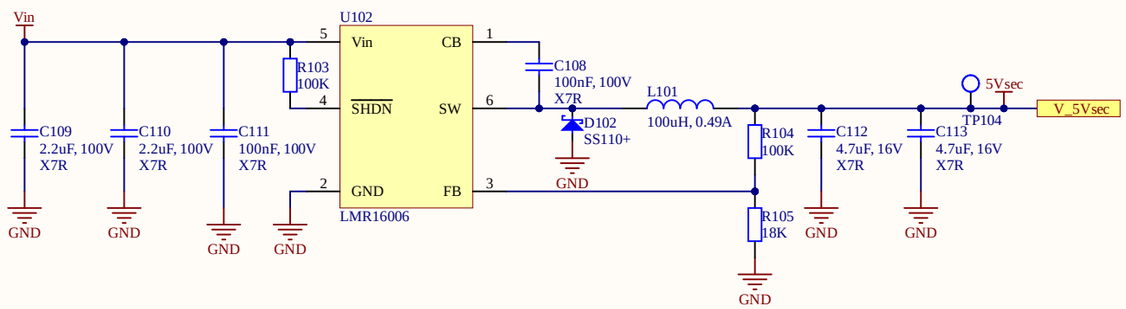
Power supply Vin to 5V



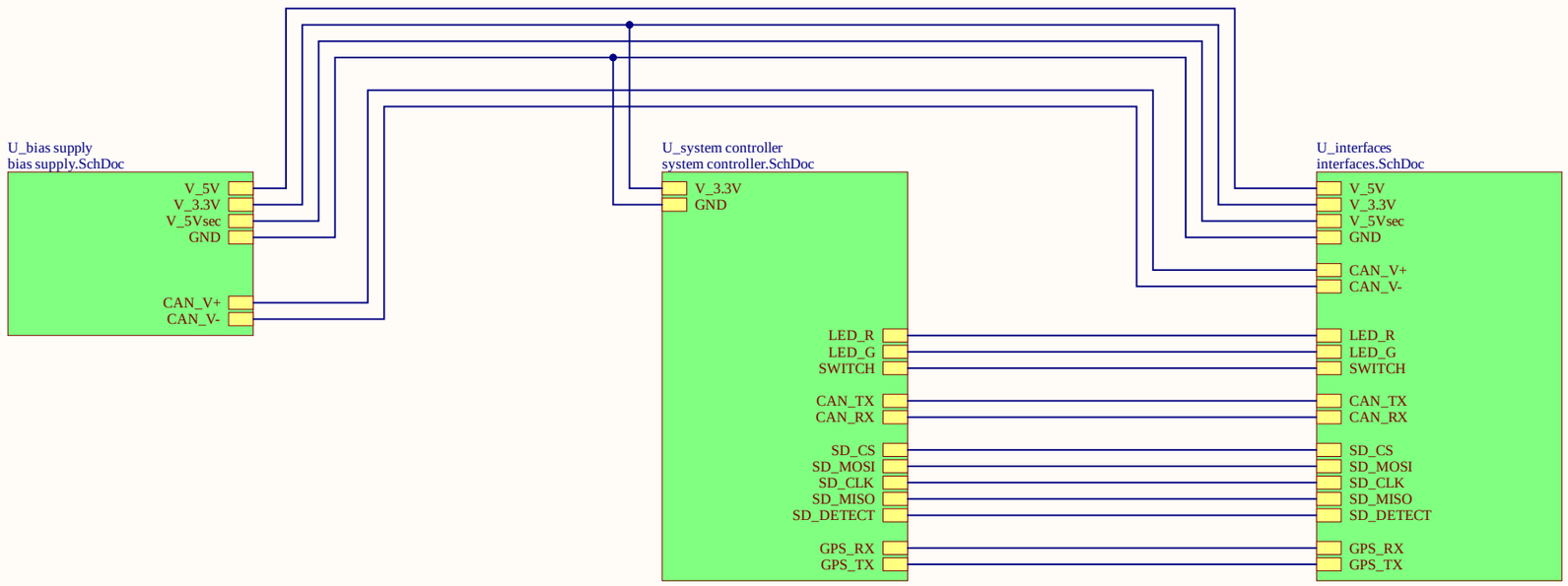
Power supply 5V to 3.3V



Secondary power supply Vin to 5V for gps

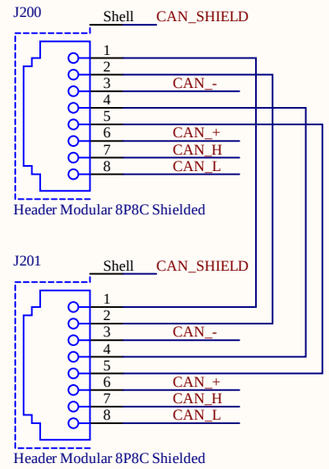


Title	***004-H-01 SD data logger***	*Sunflare Solar Team*	
Size: A3	Version: V1.00	*Drachten*	
Date: 4/1/2021	Sheet 1 of 1	*The Netherlands*	

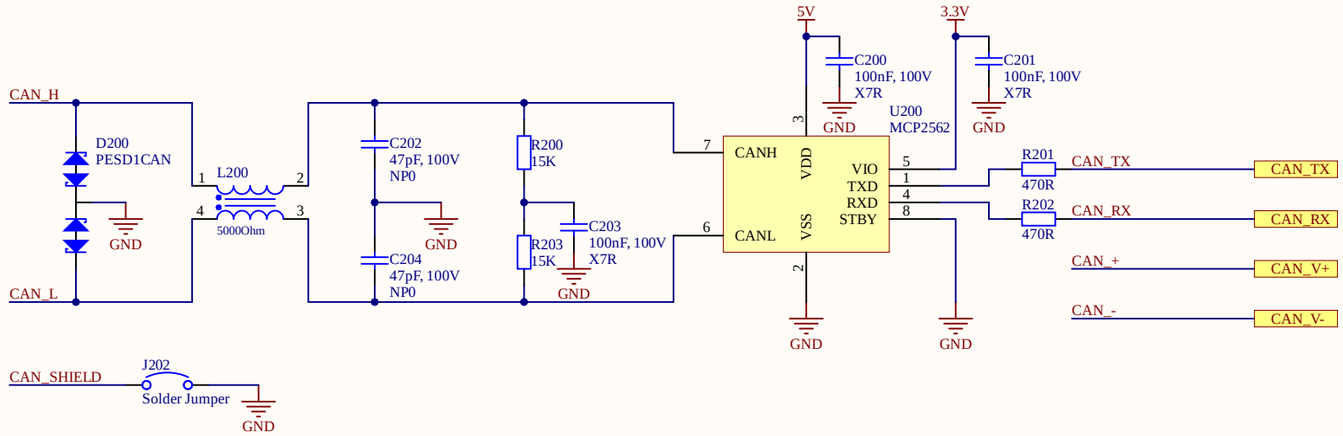


Title	***004-H-01 SD data logger***	*Sunflare Solar Team*	
Size: A3	Version: V1.00	*Drachten*	
Date: 4/1/2021	Sheet 1 of 1	*The Netherlands*	

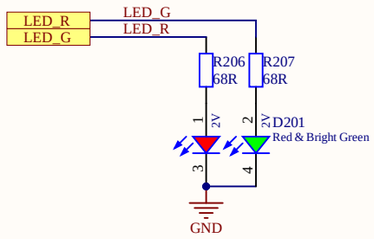
CAN bus connector



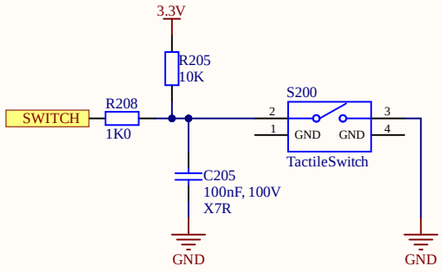
CAN bus transceiver



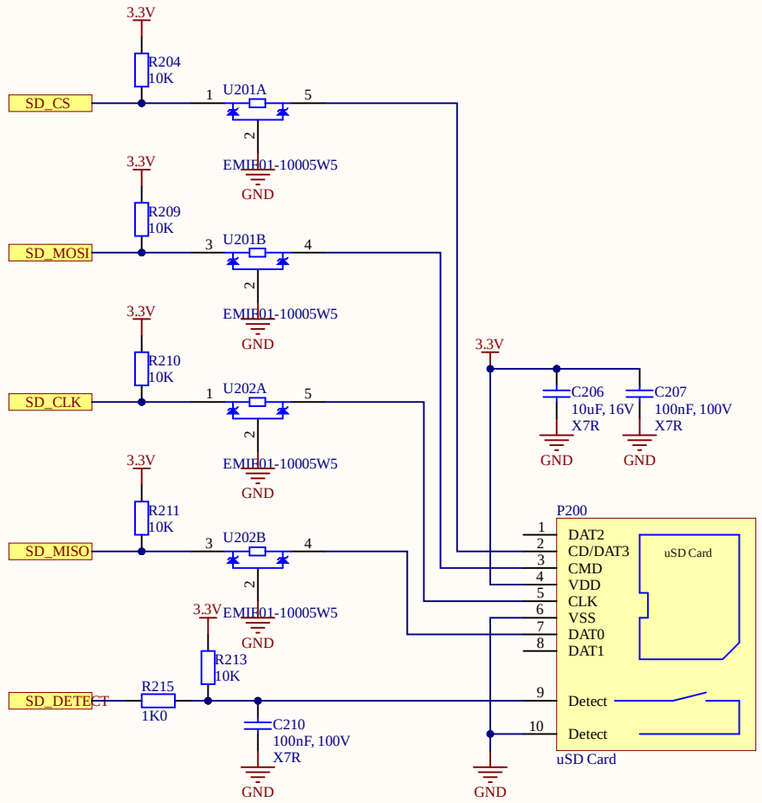
Interface LEDS



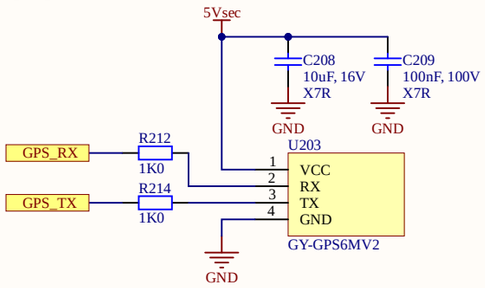
Interface switch

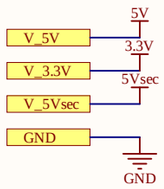


SD card



GPS





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Size: A3	Version: V1.00	*Drachten*
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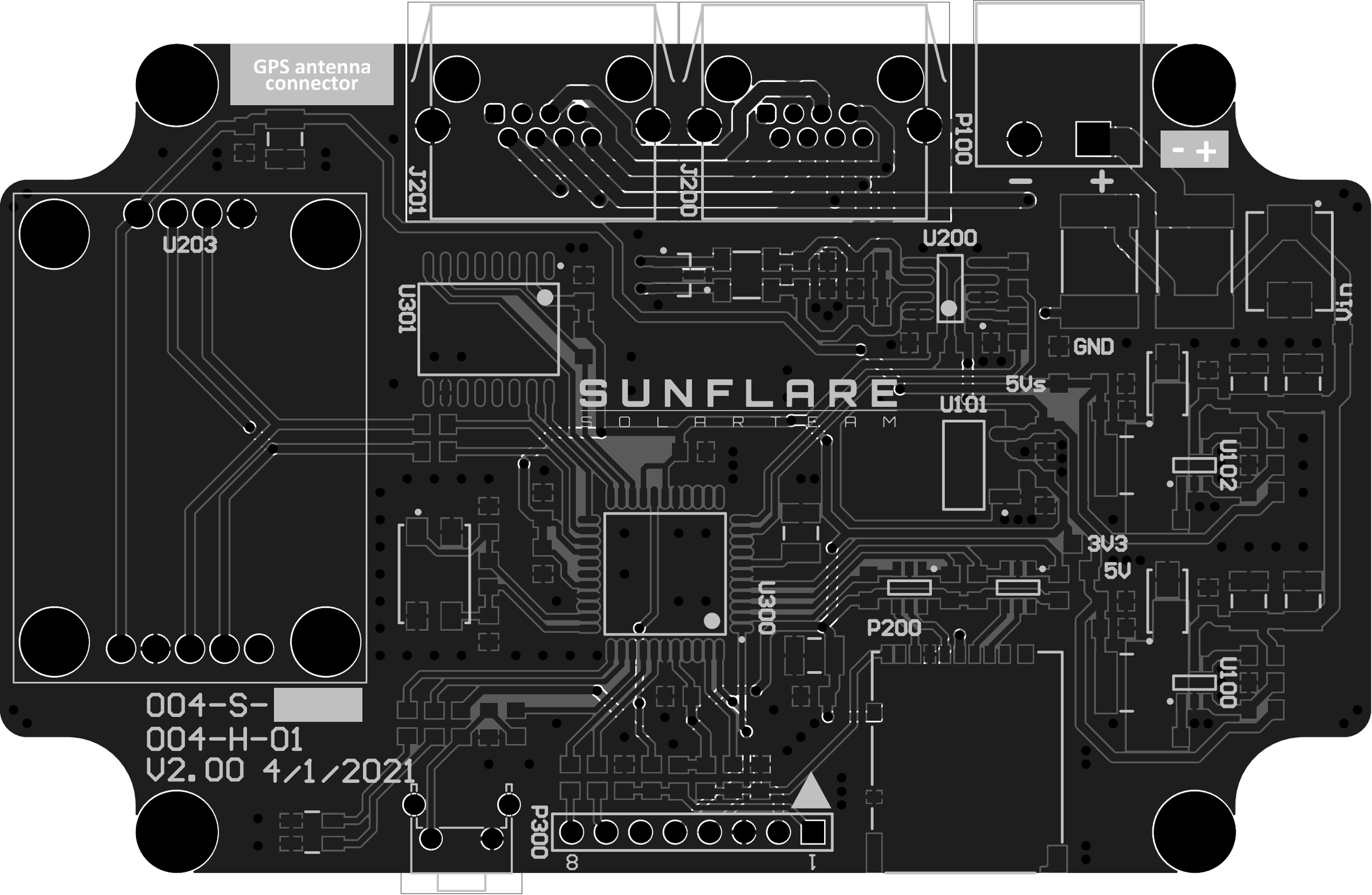
GPS antenna connector
J201
J200
P100
- +
U203
U200
U301
Vin
GND
5Vs
SUNFLARE
SOLAR TEAM
U101
U102
3V3
5V
U300
P200
U100
004-S-
004-H-01
V2.00 4/1/2021
P300
8
1