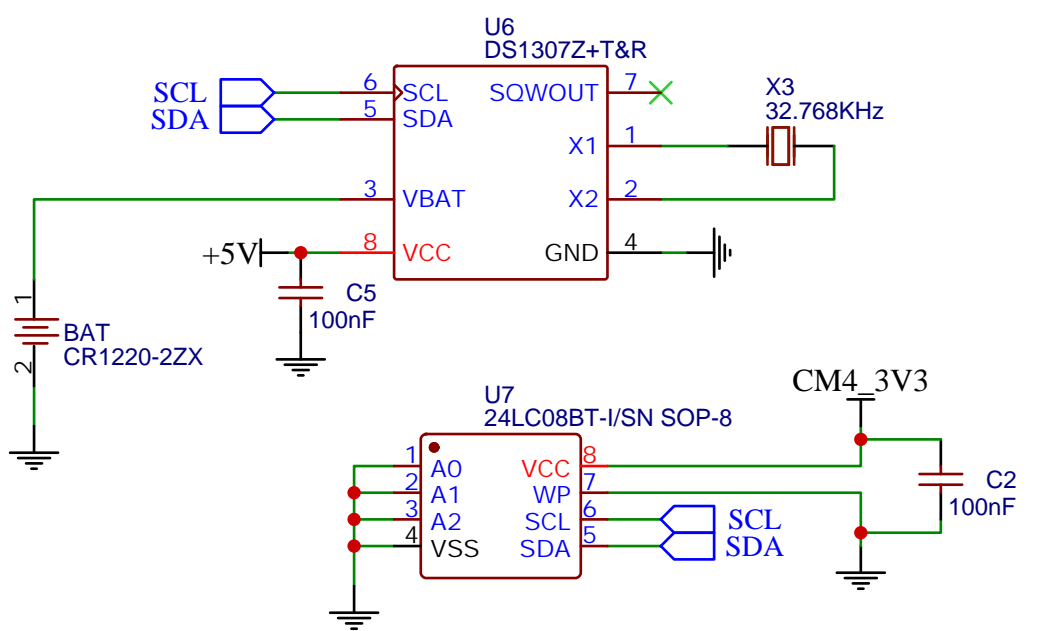
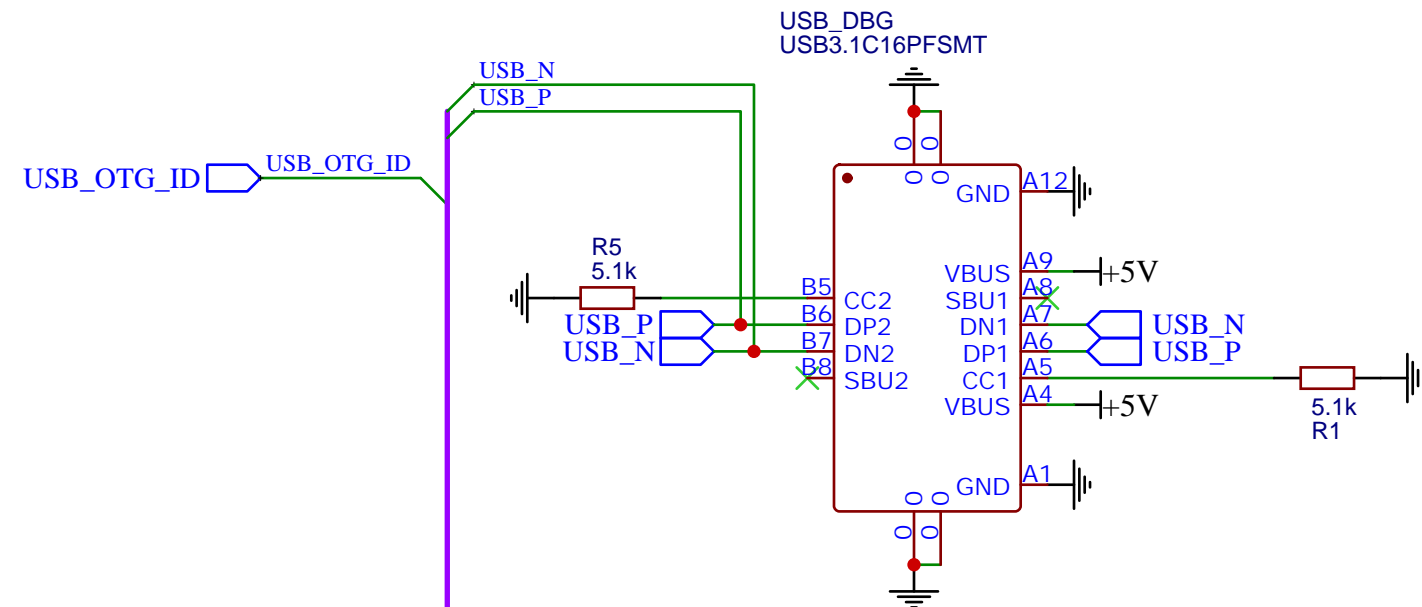


RTC

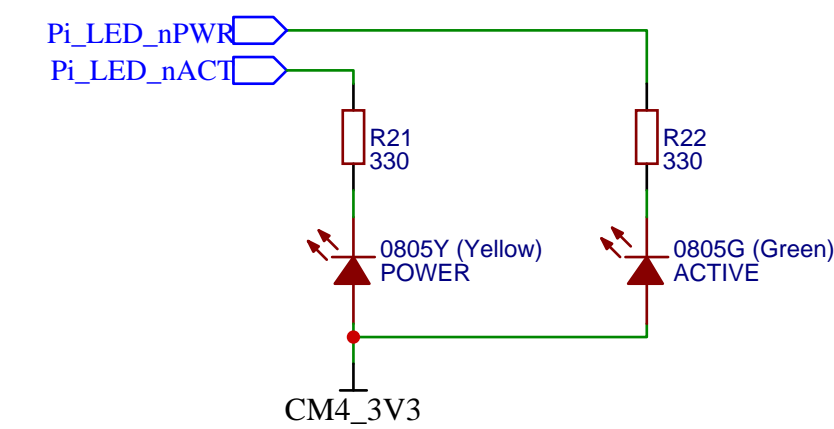


USB

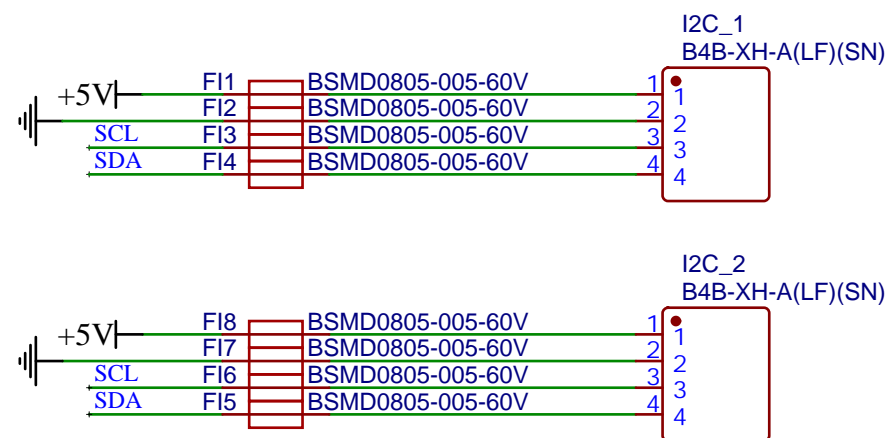
CM4 has one USB_2 line. And it is used both for updating firmware of EMMC and for connection of other USB devices.
Switch enables USB C for updating firmware



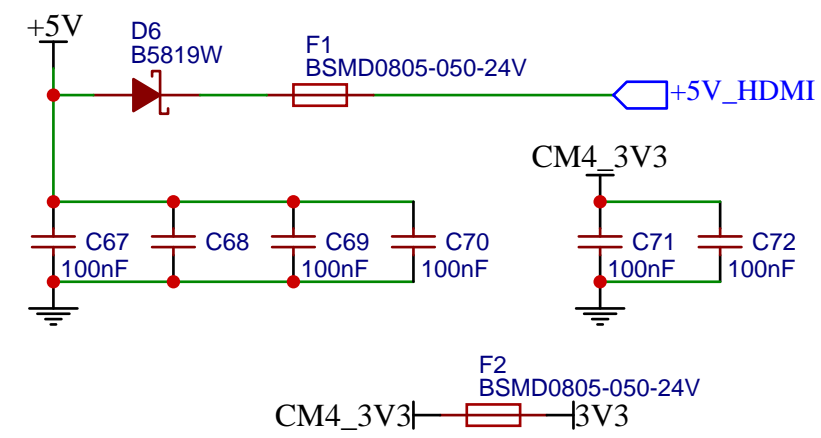
LED Indicators



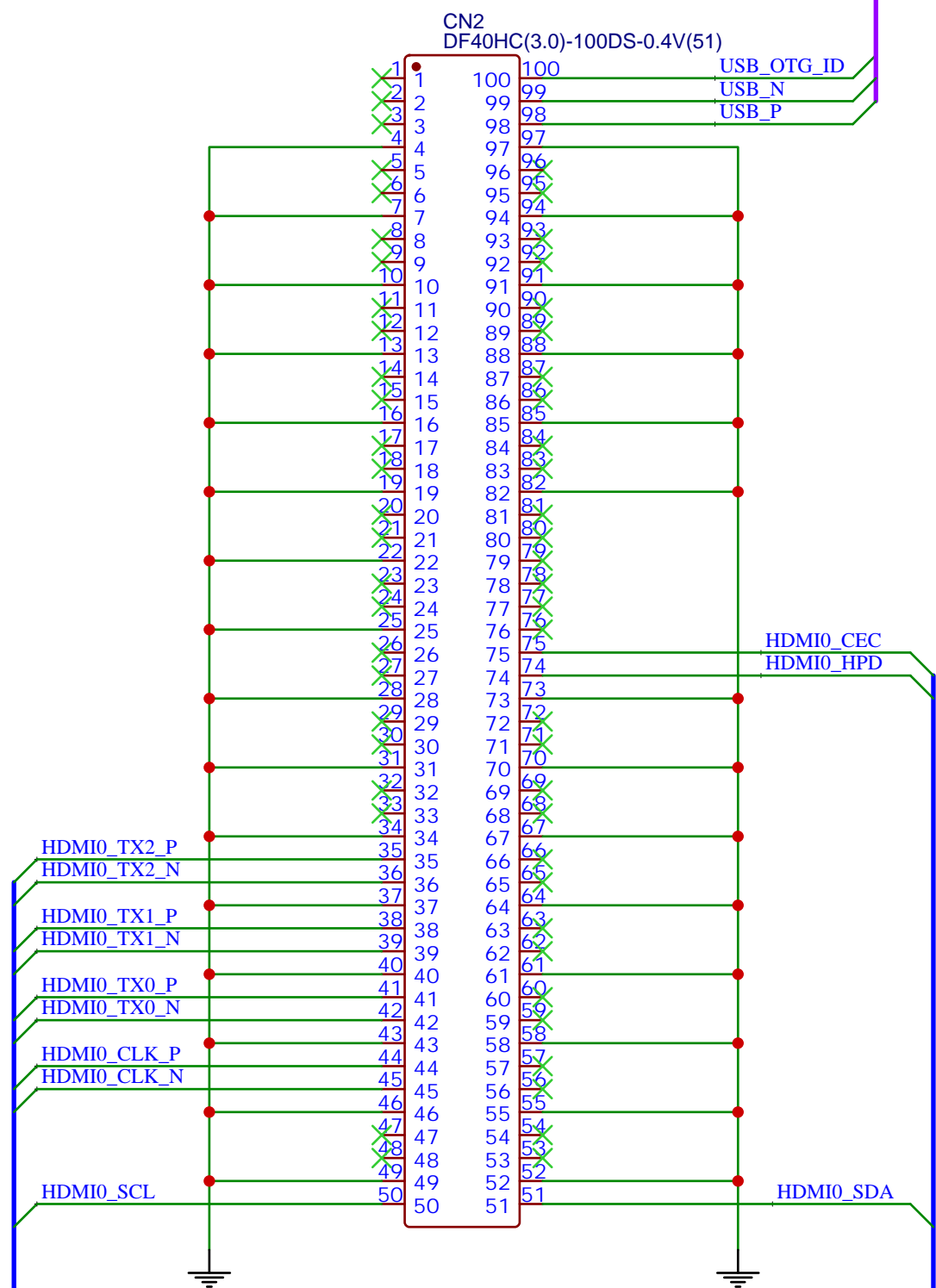
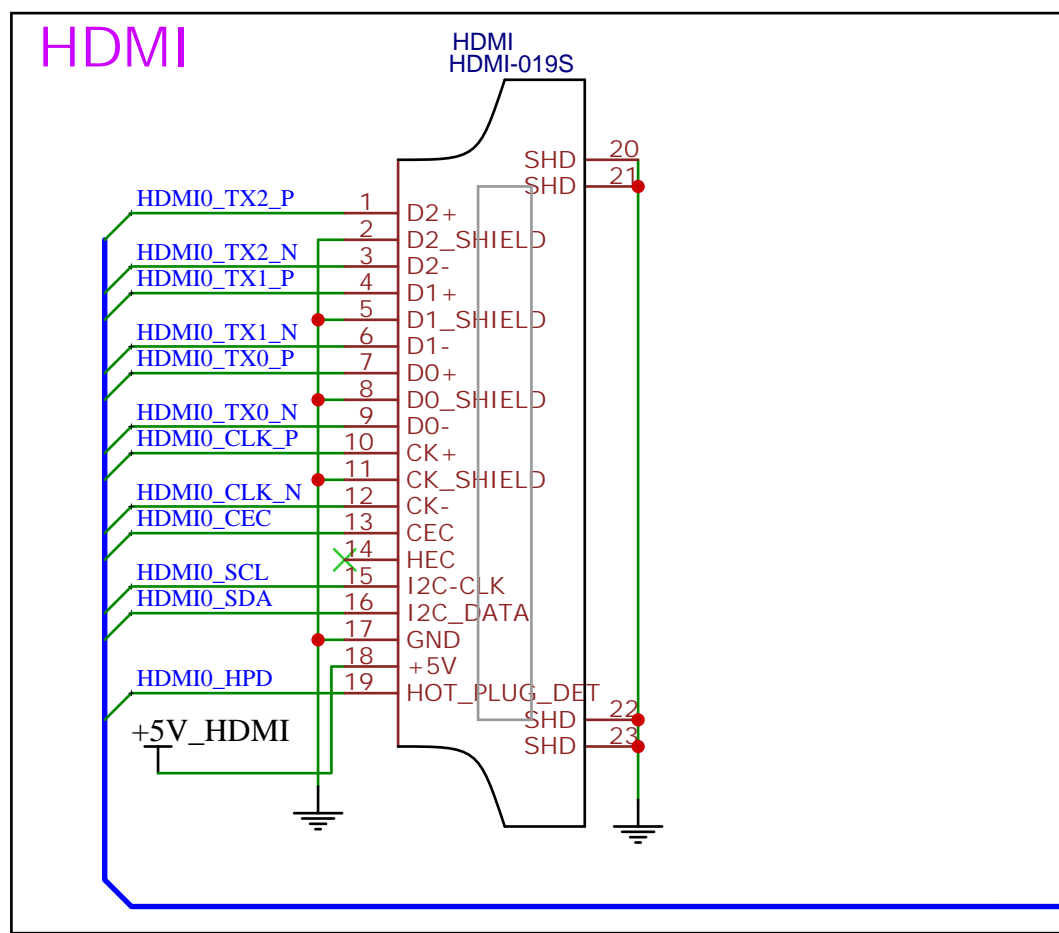
I2C External Devices



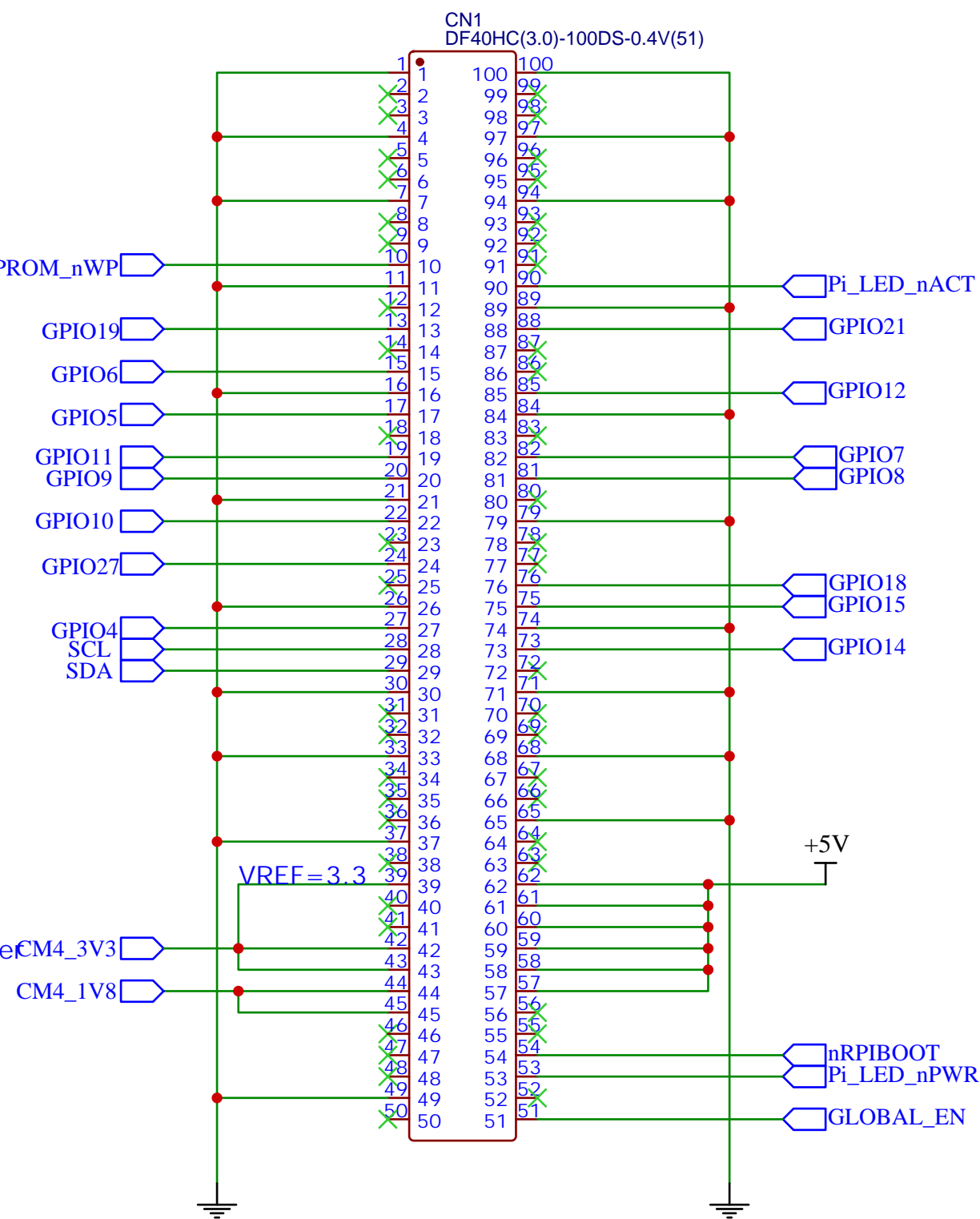
Power Distribution



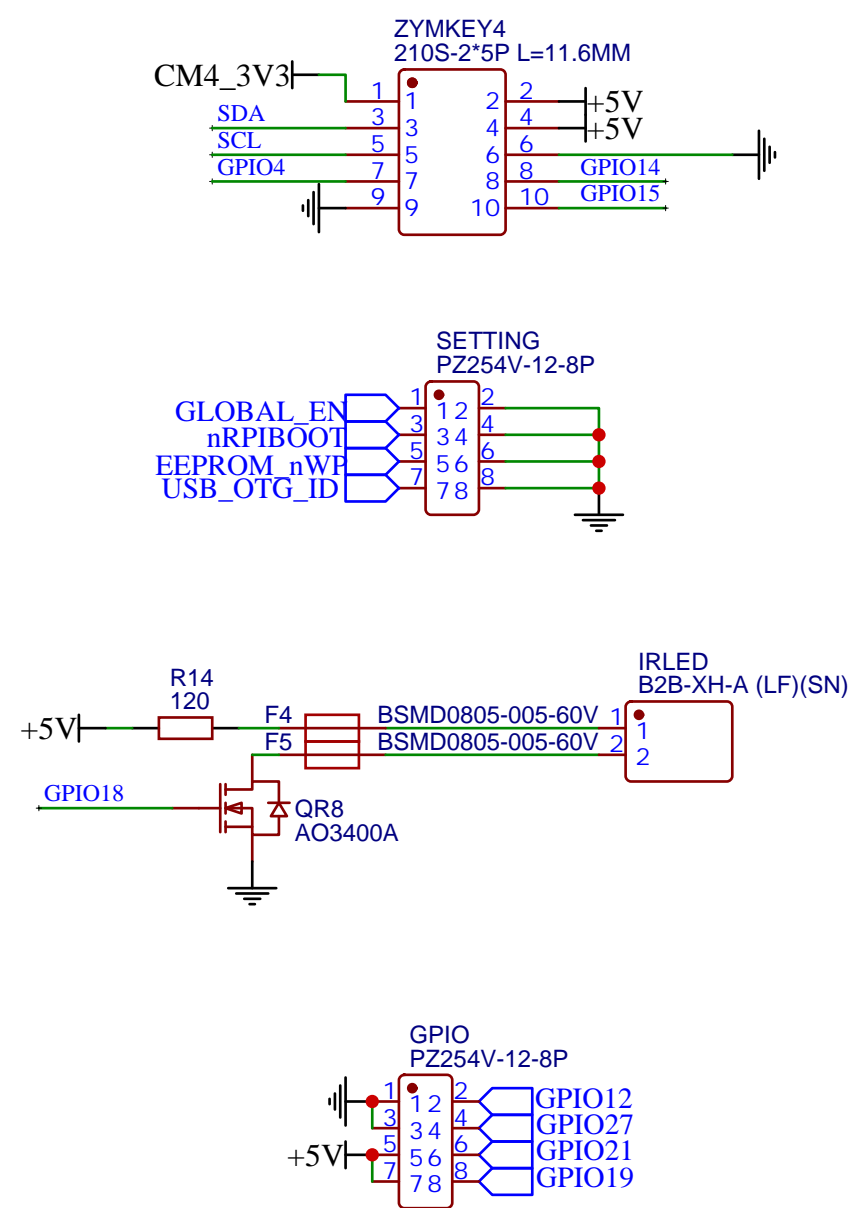
HDMI



Used for Ethernet LED
Used for SD_CARD power



GPIO



PWR
WJ500V-5.08-2P-14-00A

PVCC

D8
SS54

U8
LM2596S-5.0/TR

C13
220uF

C14
100nF

D7
SS54

L5
33uH

GND

L6
33uH

+5V

C32
220uF

C33
100nF

C34
220uF

C35
100nF

U9
LM2596S-5.0/TR

D11
SS54

C56
220uF

C55
100nF

D5
SS54

L1
33uH

GND

L2
33uH

+5V_UP

C59
220uF

C57
100nF

C60
220uF

C58
100nF

TITLE:

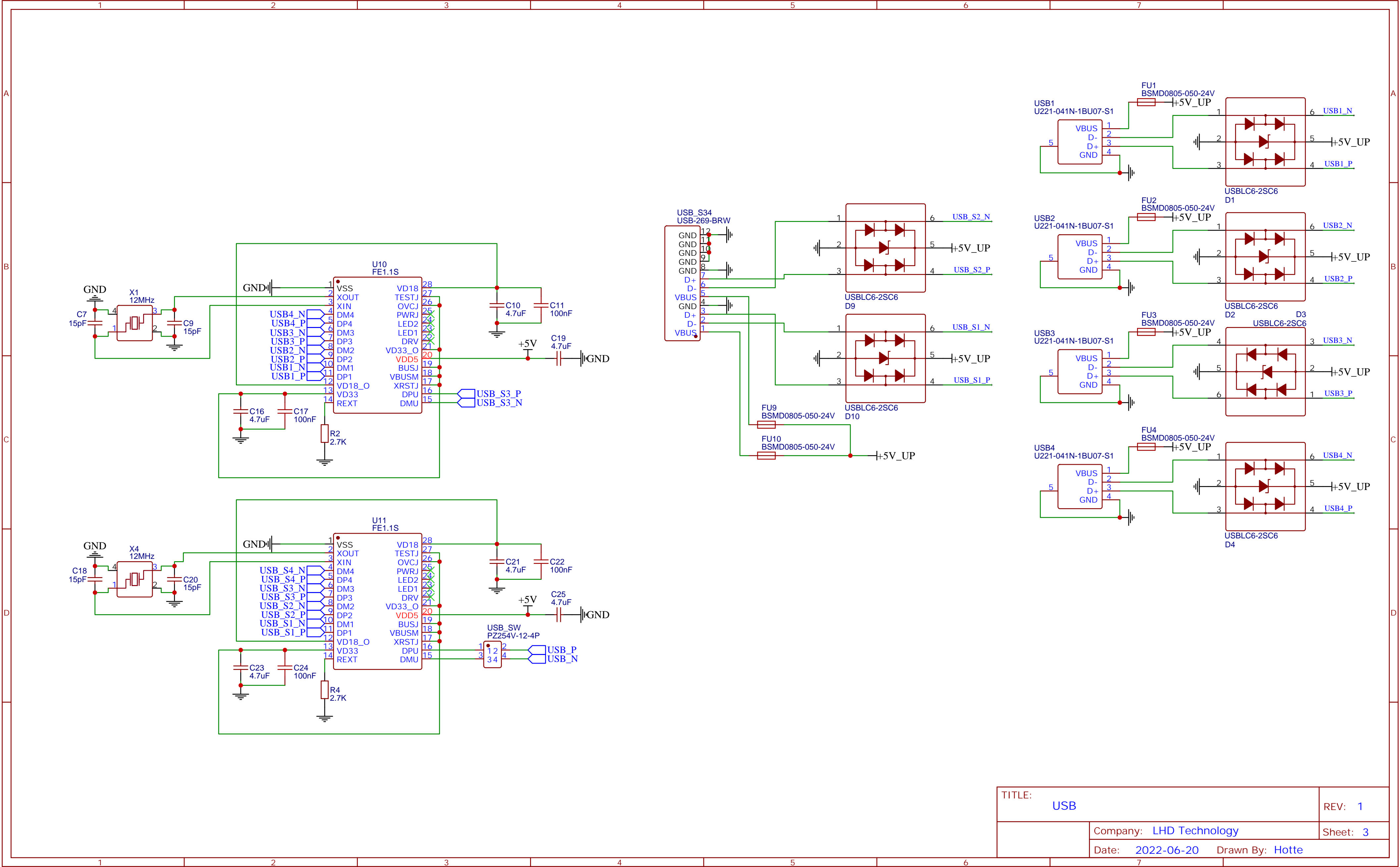
Power Supply

REV: 1.0

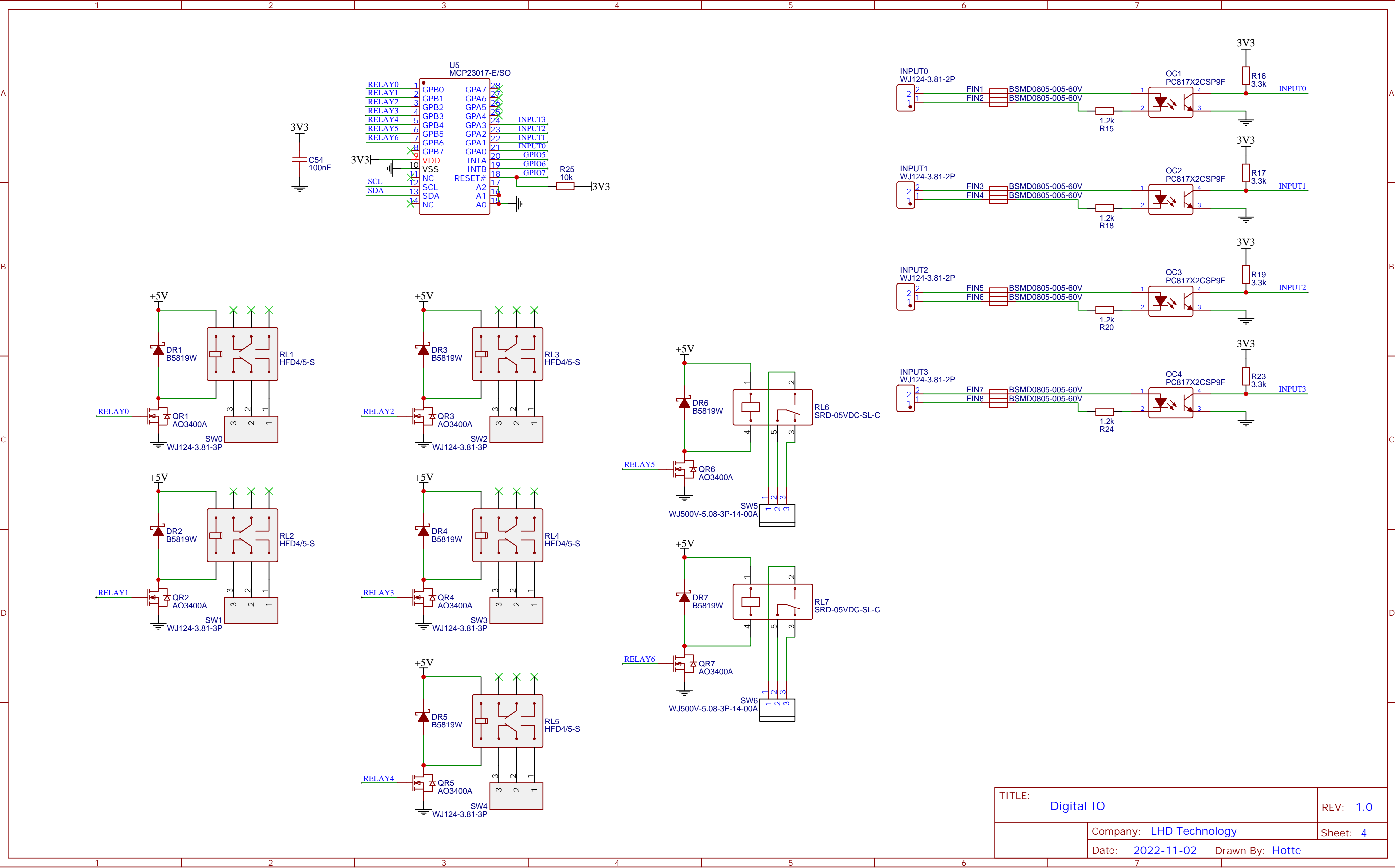
Company: LHD Technology

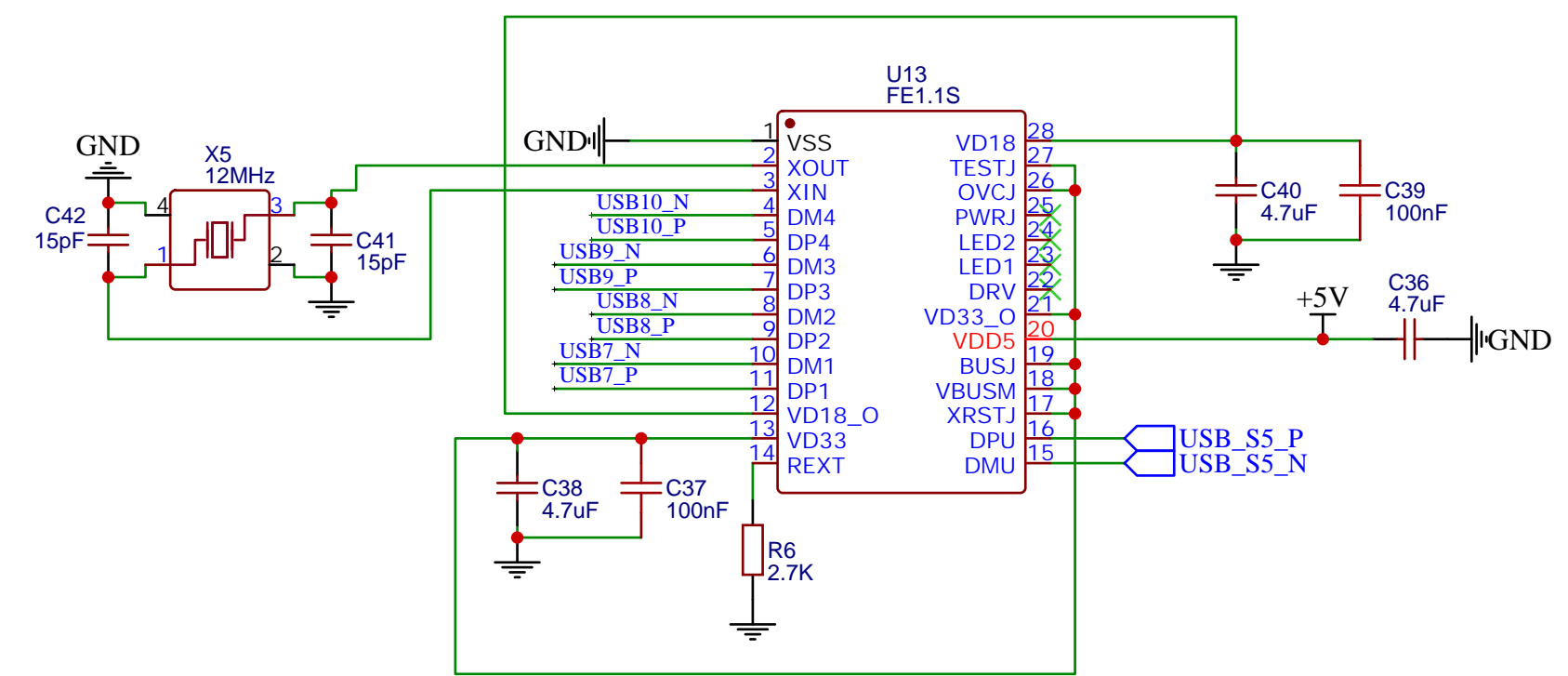
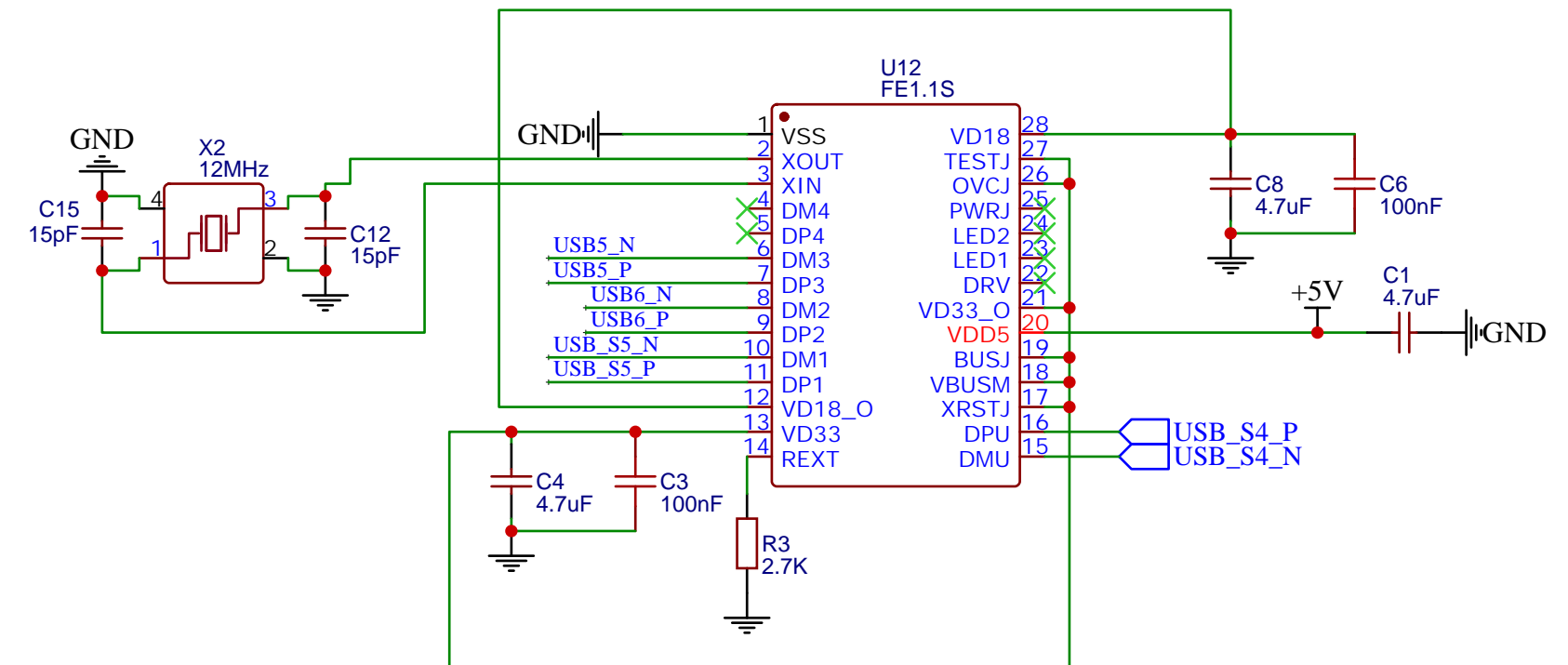
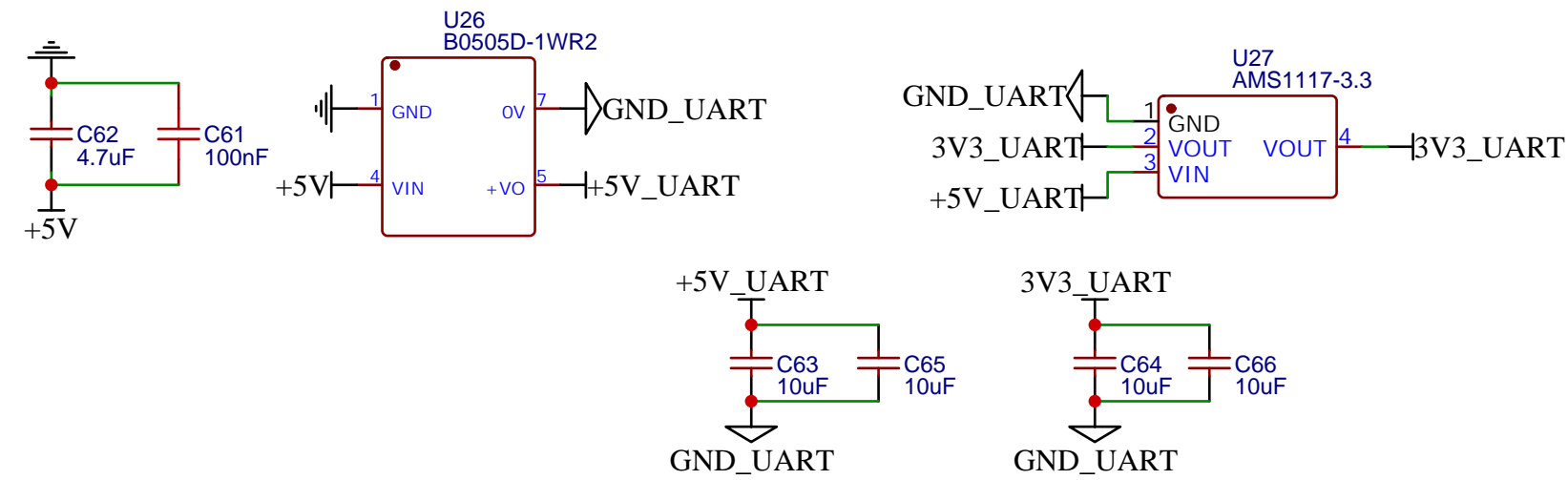
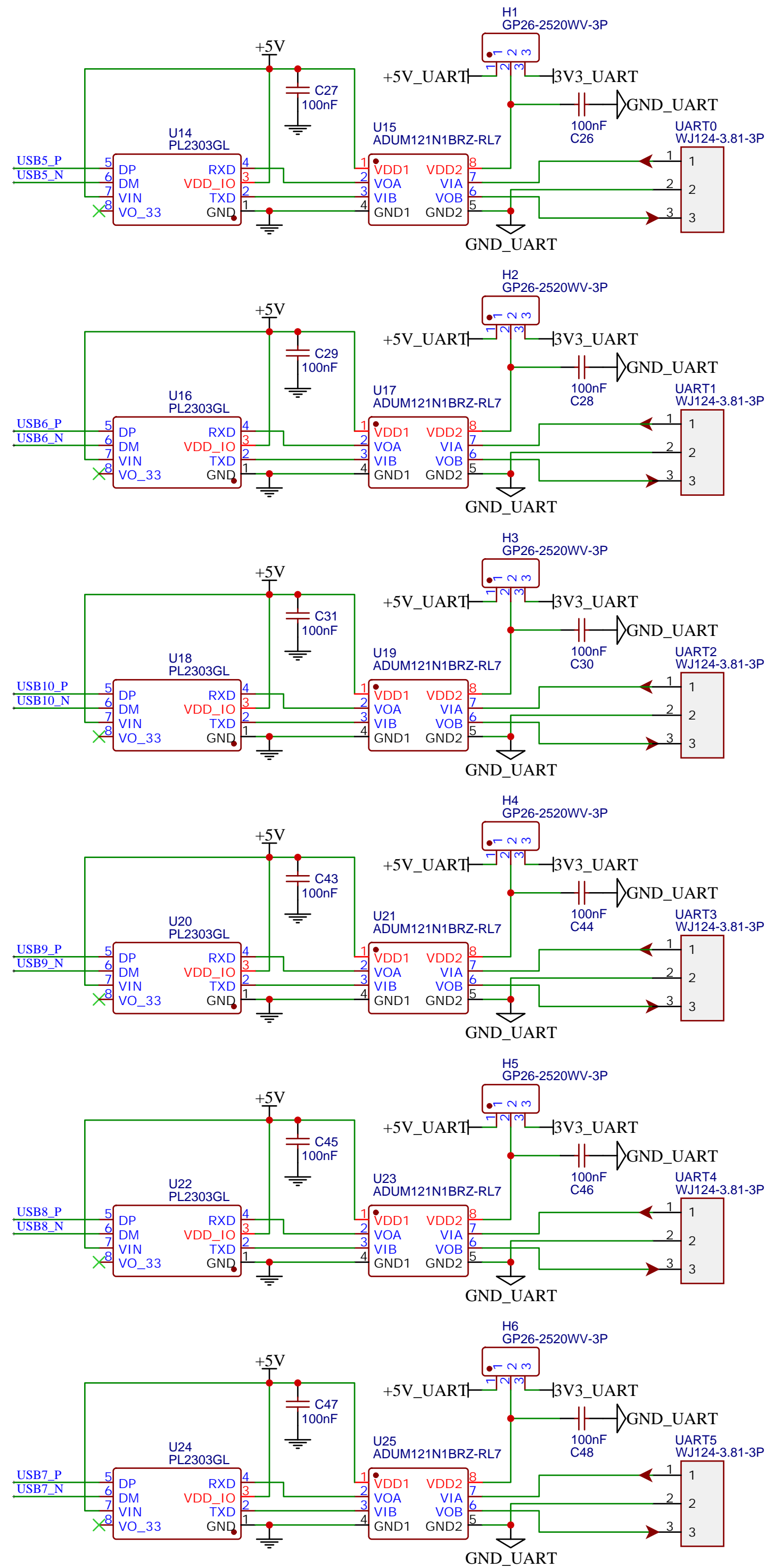
Sheet: 2

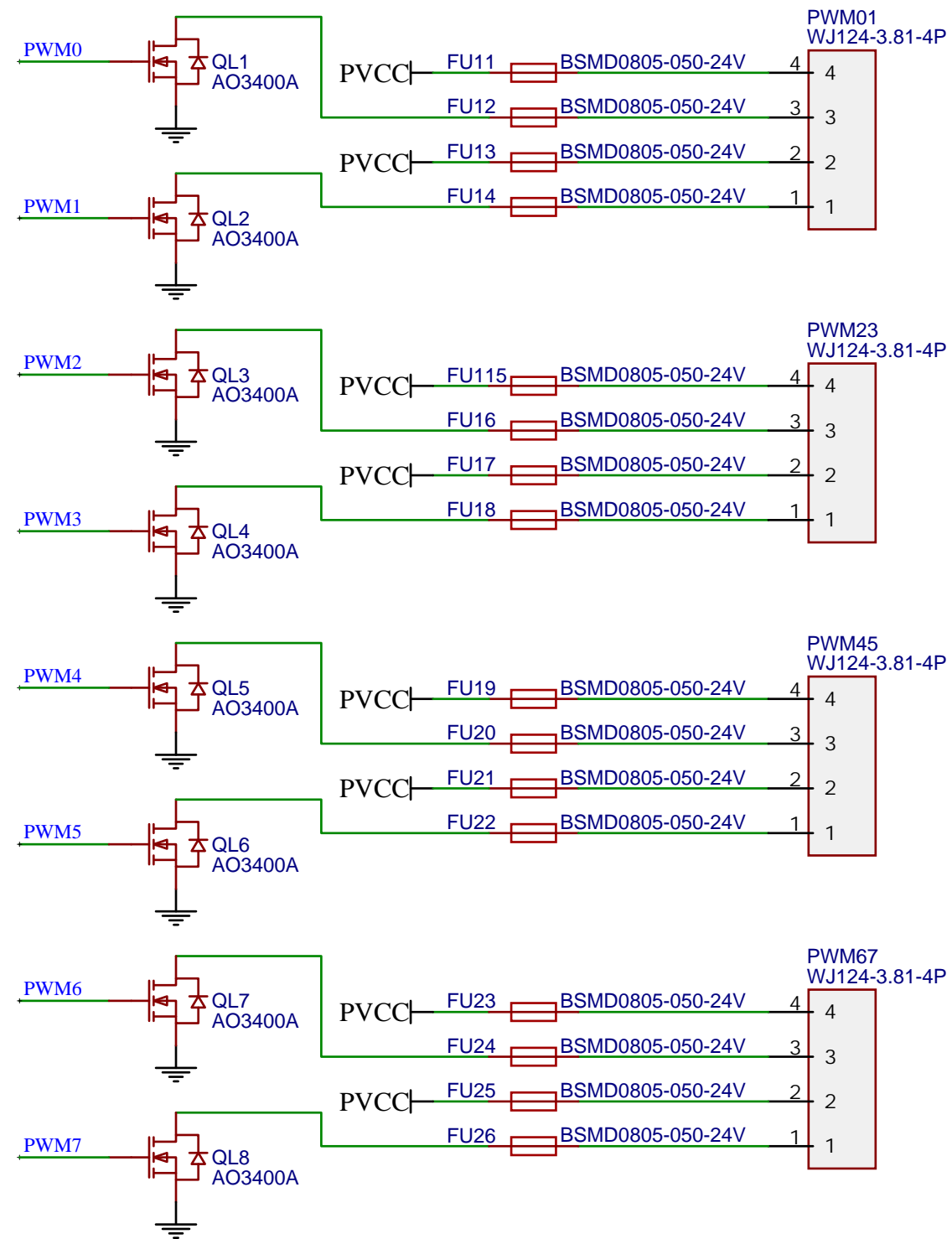
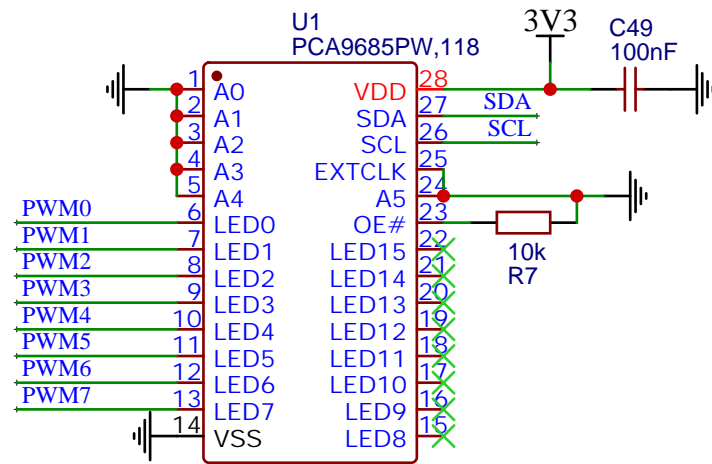
Date: 2022-11-01 Drawn By: Hotte



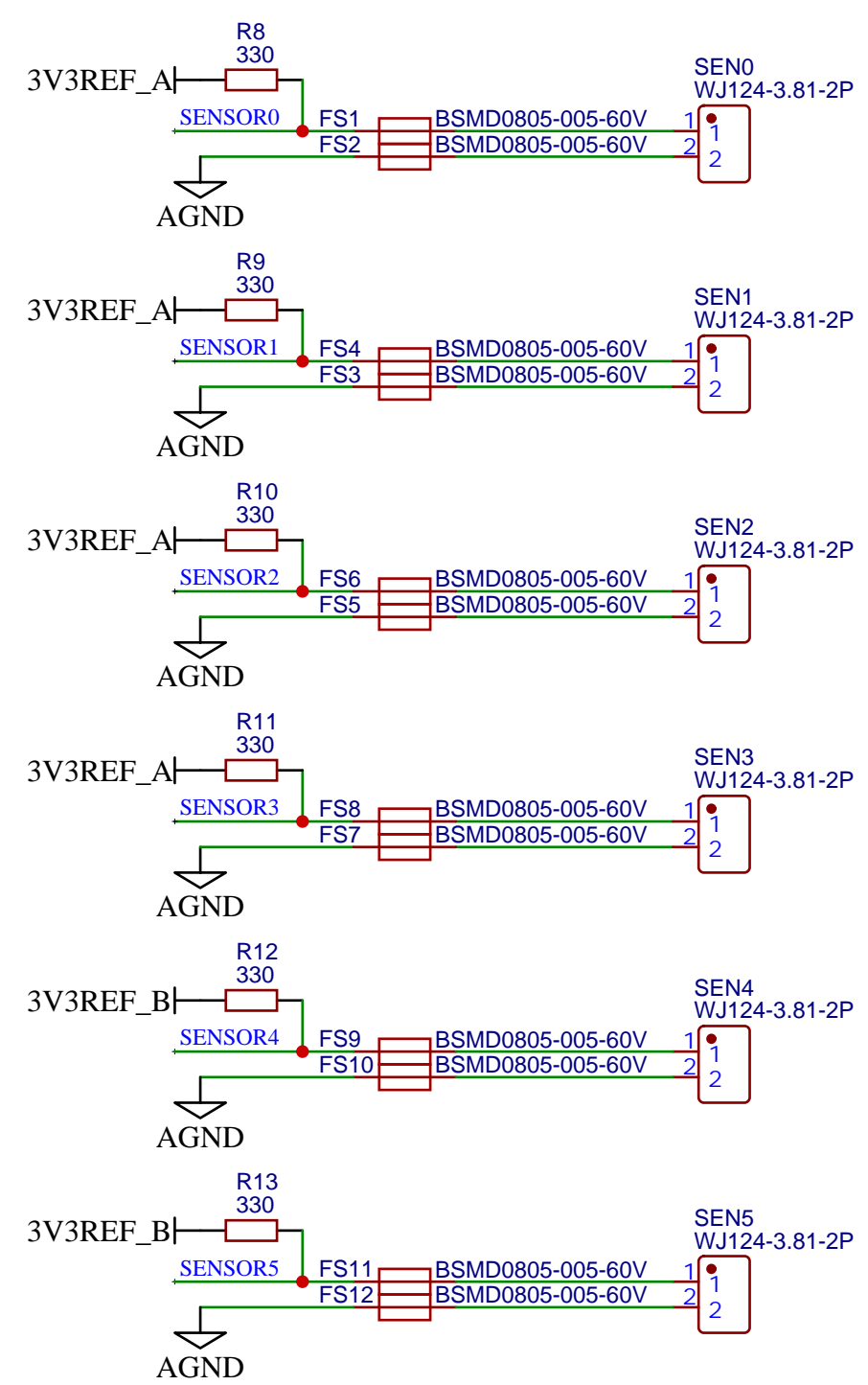
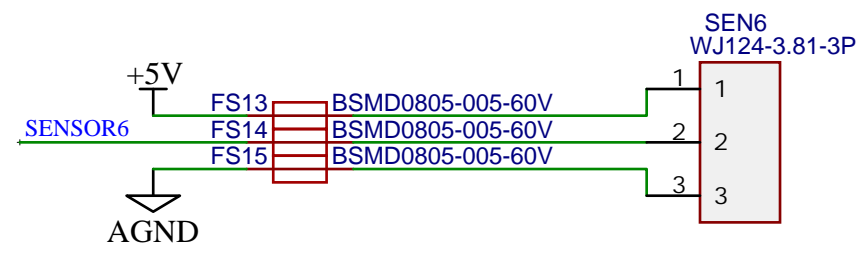
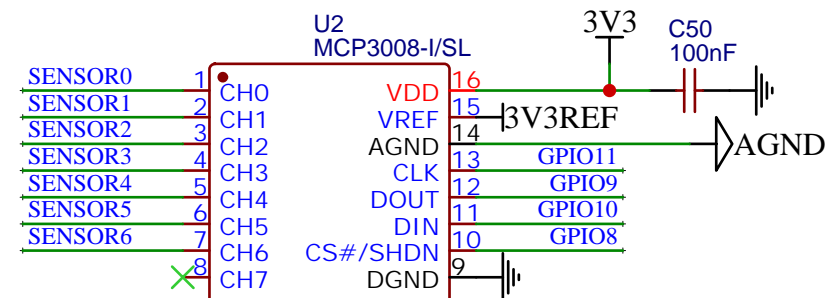
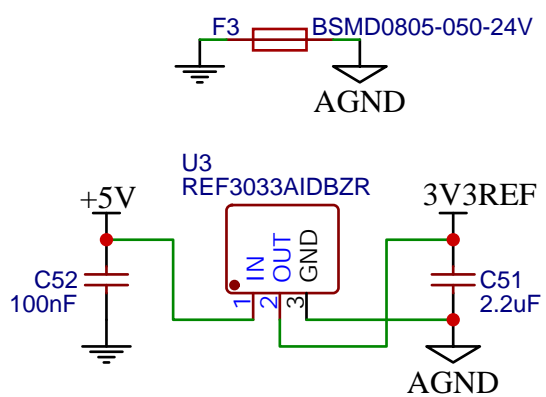
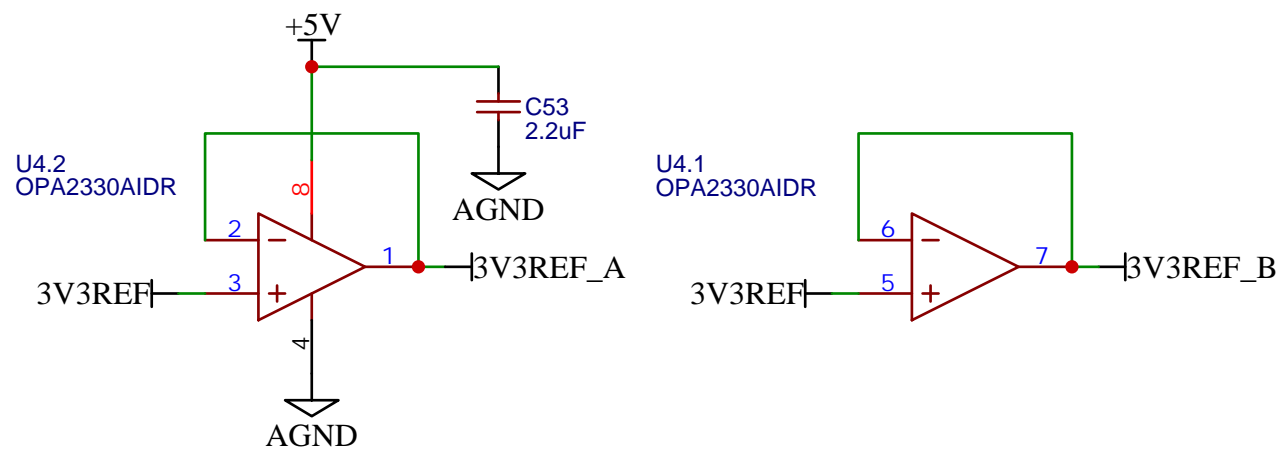
TITLE: USB		REV: 1
	Company: LHD Technology	Sheet: 3
	Date: 2022-06-20	Drawn By: Hotte







TITLE: PWM		REV: 1.0
	Company: LHD Technology	Sheet: 6
	Date: 2022-11-02 Drawn By: Hotte	



TITLE: Sensor		REV: 1.0
	Company: LHD Technology	Sheet: 7
	Date: 2022-11-02	Drawn By: Hotte