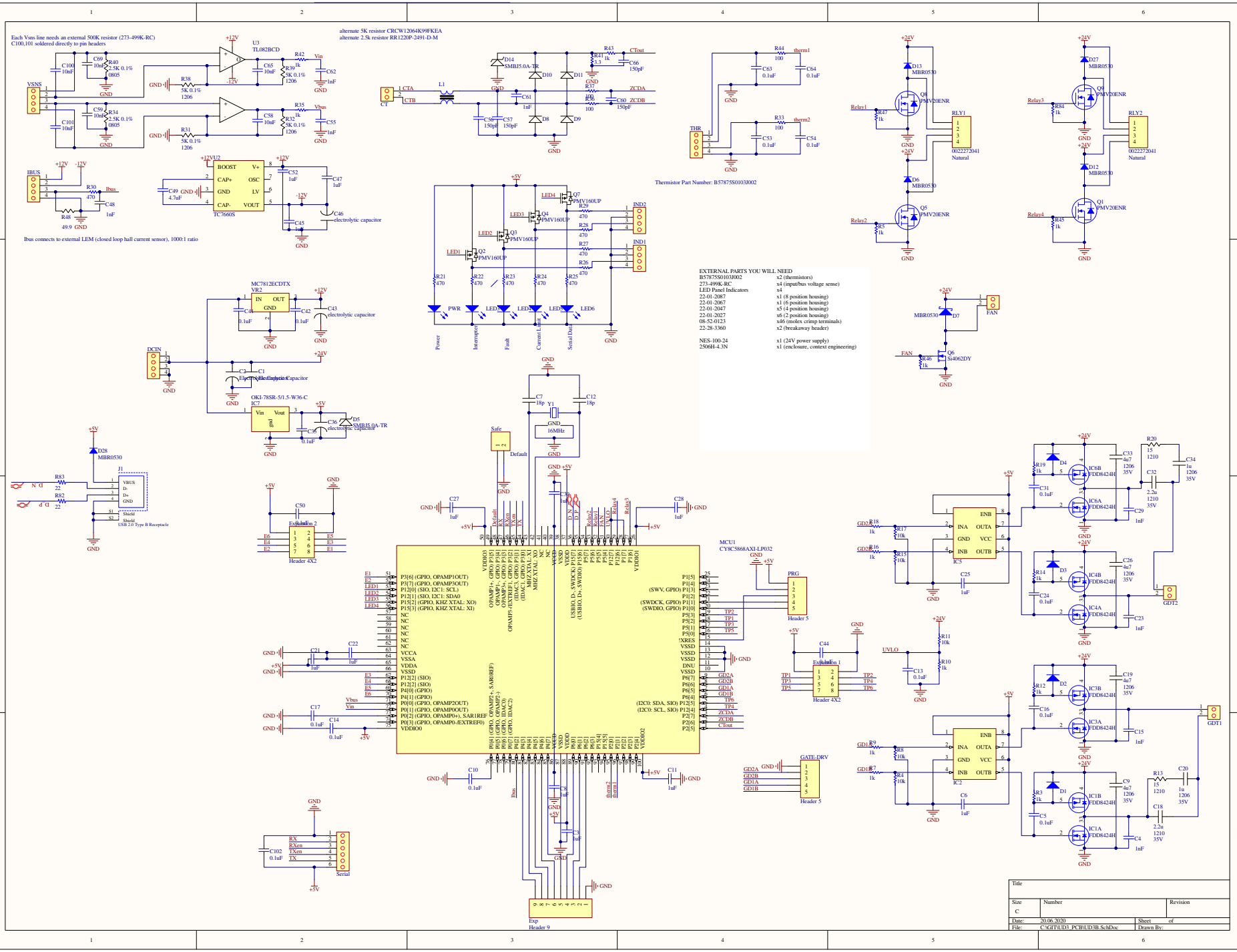
Each Vsns line needs an external 500K resistor (273-499K-RC)
C100,101 soldered directly to pin headers
alternate 5K resistor CRCW12064K99FKEA
alternate 2.5k resistor RR1220P-2491-D-M
Ibus connects to external LEM (closed loop hall current sensor), 1000:1 ratio
Thermistor Part Number: B57875S0103J002
EXTERNAL PARTS YOU WILL NEED
B57875S0103J002 x2 (thermistors)
273-499K-RC x4 (input/bus voltage sense)
LED Panel Indicators x4
22-01-2087 x1 (8 position housing)
22-01-2067 x1 (6 position housing)
22-01-2047 x5 (4 position housing)
22-01-2027 x6 (2 position housing)
08-52-0123 x46 (molex crimp terminals)
22-28-3360 x2 (breakaway header)
NES-100-24 x1 (24V power supply)
2506H-4.3N x1 (enclosure, context engineering)
MCU1
CY8C5868AXI-LP032
Title
Size
C
Number
Revision
Date: 20.06.2020
Sheet of
File: C:\GIT\UD3_PCB\UD3B.SchDoc
Drawn By: