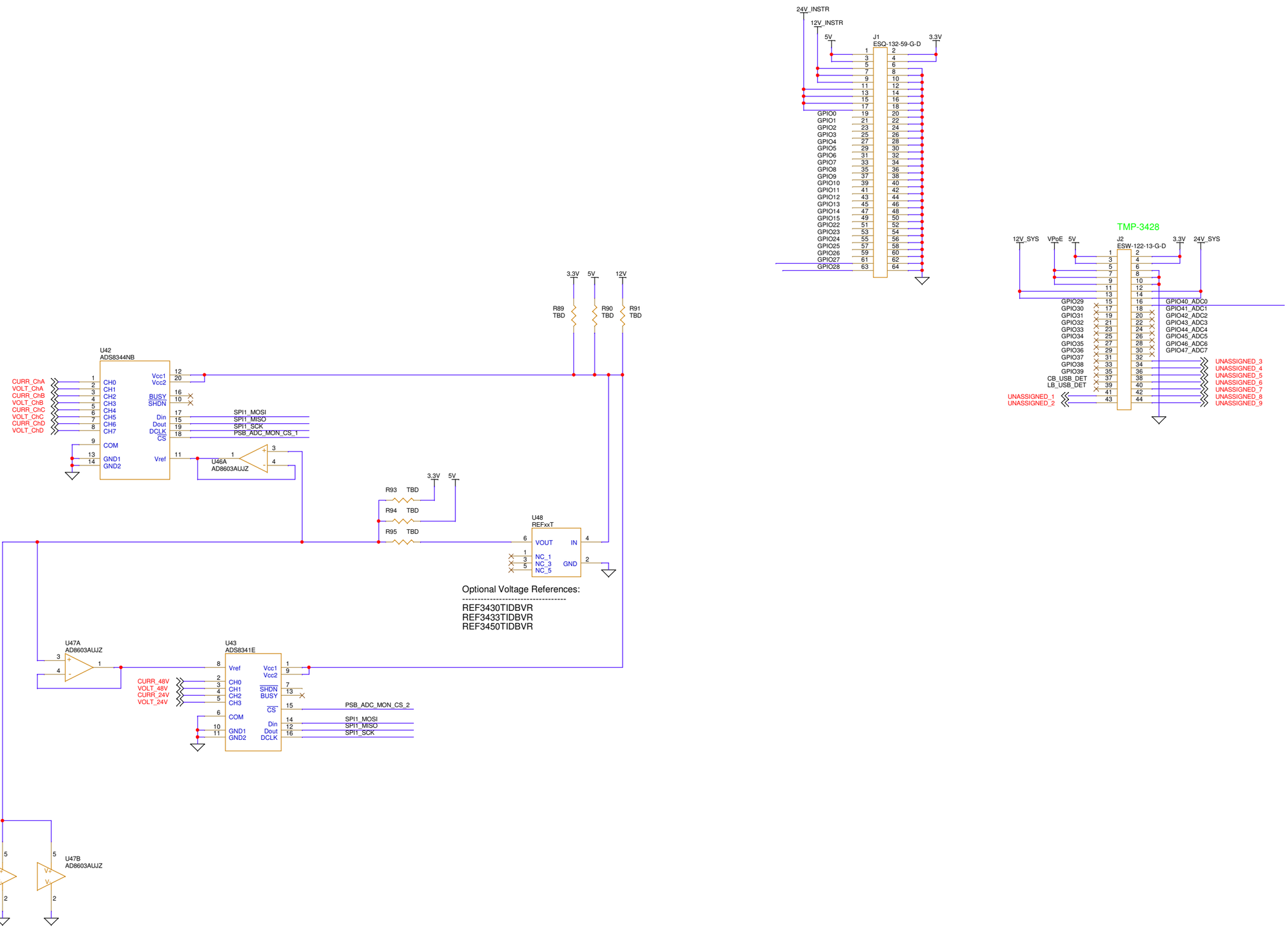
24V_INSTR
12V_INSTR
5V
J1
ESQ-132-59-G-D
3.3V
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
GPIO7
GPIO8
GPIO9
GPIO10
GPIO11
GPIO12
GPIO13
GPIO14
GPIO15
GPIO22
GPIO23
GPIO24
GPIO25
GPIO26
GPIO27
GPIO28
TMP-3428
12V_SYS
VPoE
5V
J2
ESW-122-13-G-D
3.3V
24V_SYS
GPIO29
GPIO30
GPIO31
GPIO32
GPIO33
GPIO34
GPIO35
GPIO36
GPIO37
GPIO38
GPIO39
CB_USB_DET
LB_USB_DET
UNASSIGNED_1
UNASSIGNED_2
GPIO40_ADC0
GPIO41_ADC1
GPIO42_ADC2
GPIO43_ADC3
GPIO44_ADC4
GPIO45_ADC5
GPIO46_ADC6
GPIO47_ADC7
UNASSIGNED_3
UNASSIGNED_4
UNASSIGNED_5
UNASSIGNED_6
UNASSIGNED_7
UNASSIGNED_8
UNASSIGNED_9
3.3V
5V
12V
R89
TBD
R90
TBD
R91
TBD
U42
ADS8344NB
CURR_ChA
VOLT_ChA
CURR_ChB
VOLT_ChB
CURR_ChC
VOLT_ChC
CURR_ChD
VOLT_ChD
CH0
CH1
CH2
CH3
CH4
CH5
CH6
CH7
COM
GND1
GND2
Vcc1
Vcc2
BUSY
SHDN
Din
Dout
DCLK
CS
Vref
SPI1_MOSI
SPI1_MISO
SPI1_SCK
PSB_ADC_MON_CS_1
U46A
AD8603AUJZ
3.3V
5V
R93
TBD
R94
TBD
R95
TBD
U48
REFxxT
VOUT
IN
NC_1
NC_3
NC_5
GND
Optional Voltage References:
REF3430TIDBVR
REF3433TIDBVR
REF3450TIDBVR
U47A
AD8603AUJZ
U43
ADS8341E
CURR_48V
VOLT_48V
CURR_24V
VOLT_24V
Vref
CH0
CH1
CH2
CH3
COM
GND1
GND2
Vcc1
Vcc2
SHDN
BUSY
CS
Din
Dout
DCLK
PSB_ADC_MON_CS_2
SPI1_MOSI
SPI1_MISO
SPI1_SCK
U46B
AD8603AUJZ
U47B
AD8603AUJZ