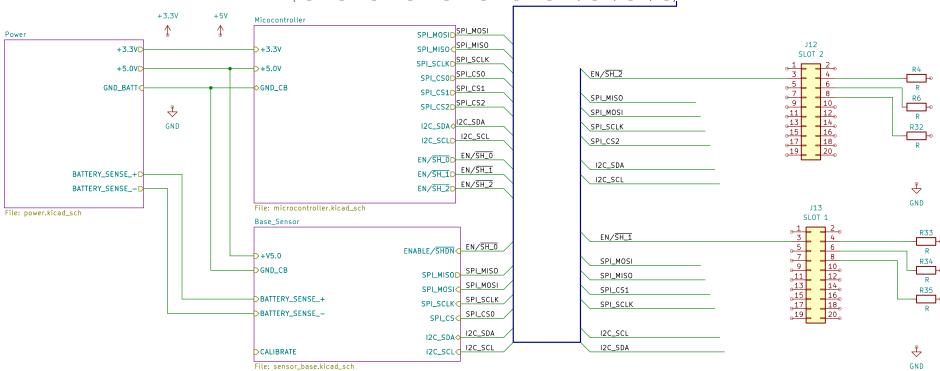
{I2C\_SDA I2C\_SCL SPI\_MOSI SPI\_MISO SPI\_SCLK SPI\_CS0 SPI\_CS1 SPI\_CS2 EN/SH\_0 EN/SH\_1 EN/SH\_2}



## Sensor Module 4

Selisor Module 4	
DENABLE/SHDN	+V5.0<
SPI_MISO	GND_CB
SPI_MOSI	SLOT_ADDR_0
SPI_SCLK	SLOT_ADDR_1
⊃SPI_CS0	
♦12C_SDA	
>I2C_SCL	CALIBRATE

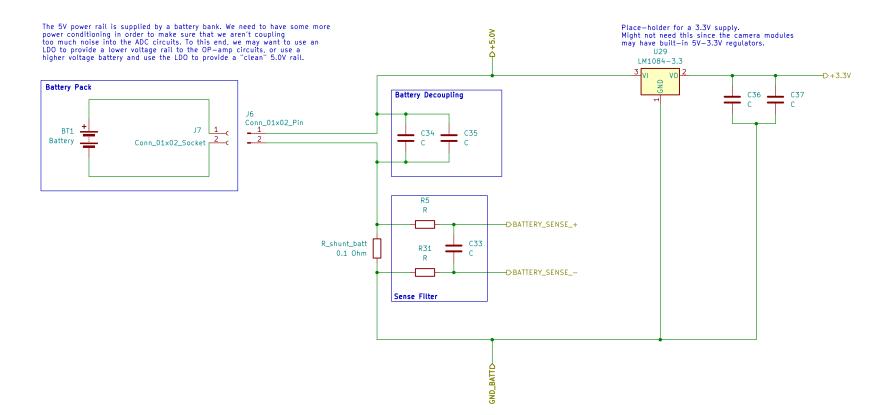
File.	cencor	module	4 kicad	ech

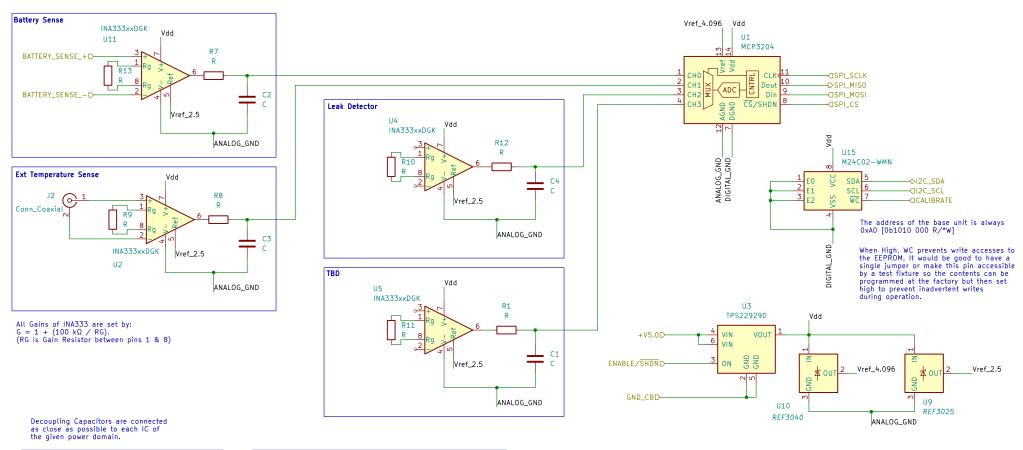
## Sensor Module 8

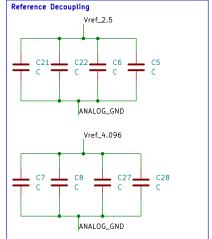
DENABLE/SHDN	+V5.0< GND_CB<		
SPI_MOSI			
SPI_MISO	SLOT_ADDR_0		
_	SLOT_ADDR_1		
SPI_CS0	SLOT_ADDR_2		
SPI_CS			
DI2C_SCL	CALIBRATE		
♦12C_SDA			
File: sensor_module_8.kicad_sch			

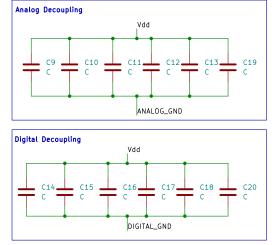








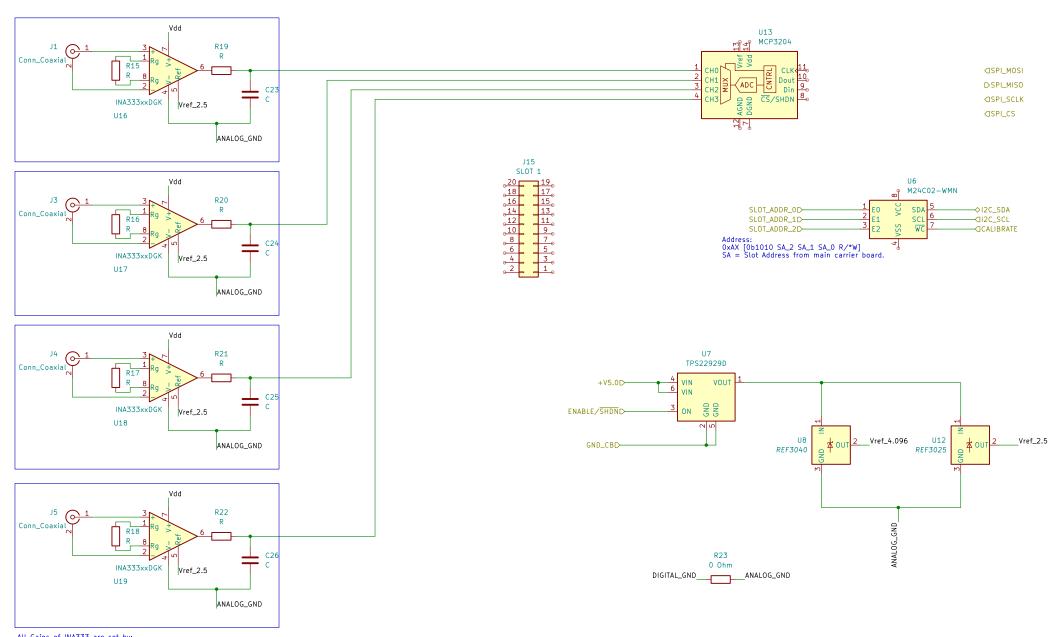




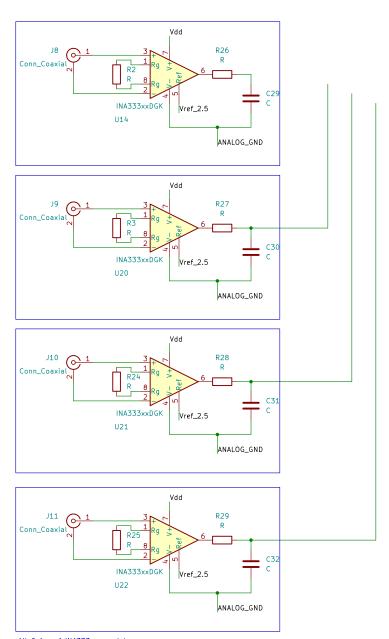
TL431 might also be used for the 2.5V reference but buffered with an OPA333 or equivalent.



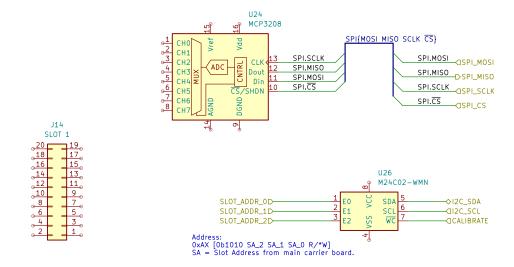
Base Sensor Circuit
This sensor board is included in the base unit. It includes built—in
temperature probe, battery Coulomb counting, leak detector, and TBD.

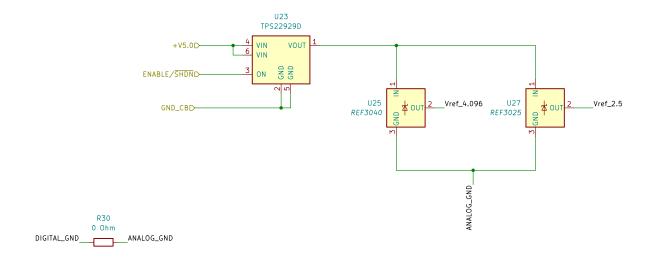


All Gains of INA333 are set by: G = 1 + (100 k $\Omega$  / RG). (RG is Gain Resistor between pins 1 & 8)



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## ♦12C\_SDA

DI2C\_SCL

△SPI\_MISO

DSPI\_MOSI

DSPI\_SCLK

DSPI\_CS0

DSPI\_CS1

DSPI\_CS2

□+5.0V

□+3.3V

♦GND\_CB

DEN/SH\_0

DEN/SH\_1

DEN/SH\_2