

# System Head

Power Supply  
Measurement Timing  
GSM Communication

Rugged  
Cable

Power management

$\mu$ C

Electronic Instrumentation

Measurement  
Cables

Sensitive Body  
R5 grade HSLA Steel

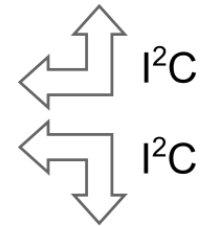
Temperature sensor

Voltage Regulation  
Voltage Inversion

Temperature Sensor

$\mu$ C

Arduino  
Nano



ADS1115 16-bit with  
PGA = 1

INA128 + Electronics  
G = 10k