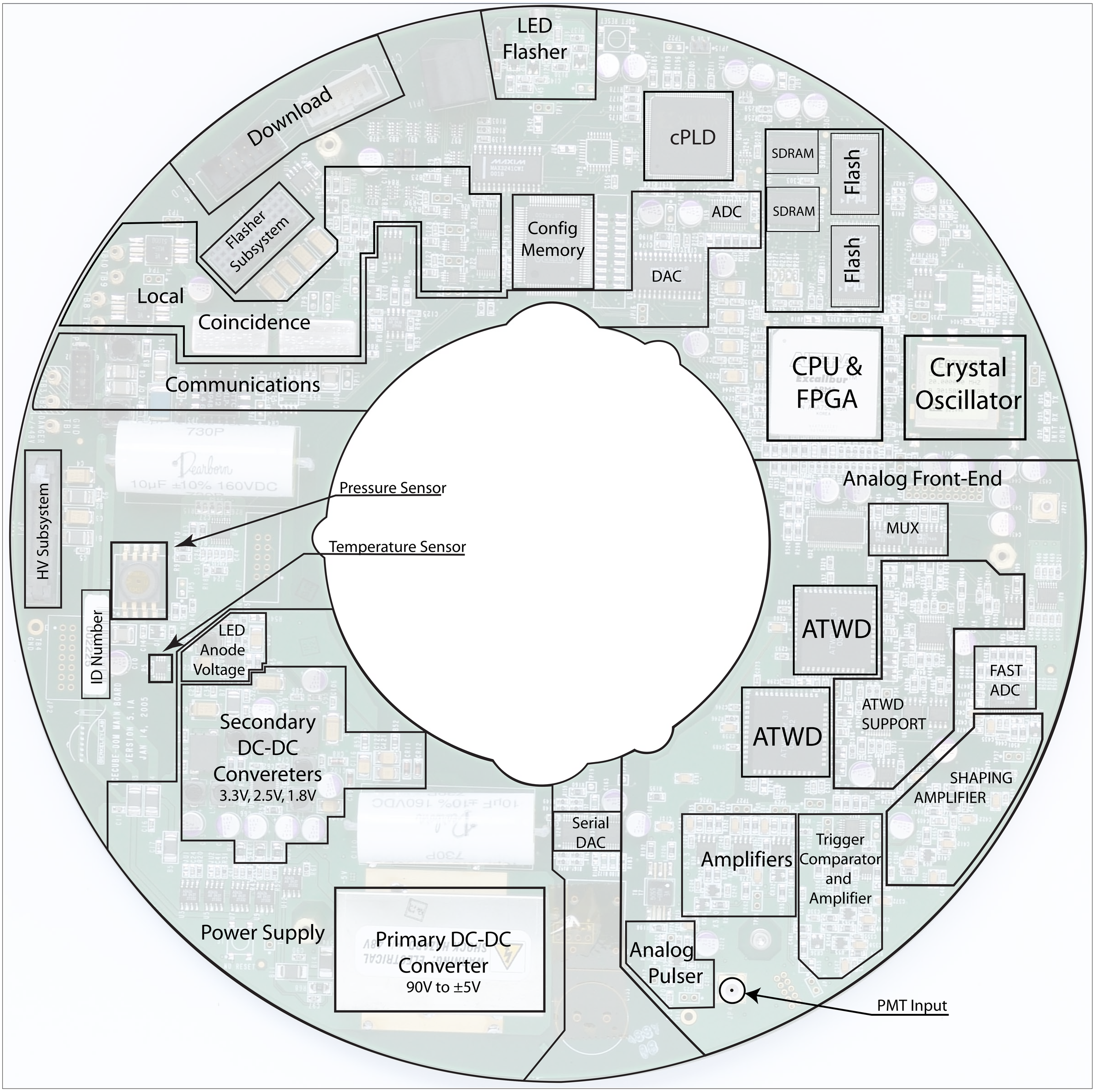
LED
Flasher
Download
cPLD
SDRAM
Flash
SDRAM
Flash
ADC
Config
Memory
DAC
Flasher
Subsystem
Local
Coincidence
Communications
CPU &
FPGA
Crystal
Oscillator
Analog Front-End
MUX
HV Subsystem
Pressure Sensor
Temperature Sensor
ID Number
LED
Anode
Voltage
ATWD
FAST
ADC
ATWD
SUPPORT
ATWD
SHAPING
AMPLIFIER
Secondary
DC-DC
Convereters
3.3V, 2.5V, 1.8V
Serial
DAC
Amplifiers
Trigger
Comparator
and
Amplifier
Power Supply
Primary DC-DC
Converter
90V to ±5V
Analog
Pulser
PMT Input