

Solar Panel Arrays

Outward Facing Panels

Inward Facing Panels

Detector

LP
Filter

Tuning
Circuitry



Comparator

Interrupt Ctrl

Detector

LP
Filter

Tuning
Circuitry



Comparator

Interrupt Ctrl

Harvesting

Charging
Hysteresis

1st stage
Capacitor

Regulator

MCU

MSP430
FR5994

Radio

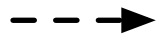
Radio

UFoP

2nd stage
Capacitor



Current Flow



*Data/Control
Signals*

SPI

