

## Main Memory Volatility Statement

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**Models:** *Pulsar*

**Product Description:**

General Purpose Laser Power Meter

**Memory Description:**

These meters contain the following memory devices:

Pulsar board:

U4: Microcontroller CY7C68014XC

Contain internal RAM, used to store variables for the software while it is running. Volatile.

U27: I2C EEPROM 16Kbit,

Used to store start-up settings, device parameters and calibration factors for the meter. Non-volatile.

U49: SRAM Memory AS7C34096,

Used during run-time to store variables for the software. Volatile.

**General:**

Meter calibration constants are stored in U9 in Juno board. The calibration constants are generated when the meter is sent through its calibration process in the factory, and are fundamental to the meter operation. RAM held in the internal Microcontroller (U8, Juno board), is not accessible to the user through the remote interface and their contents are lost when the meter is turned off.

**Note:** The meter contains a D15 connector to which a range of custom sensors can be attached. Calibration data for any such sensor is separate from the meter and is stored inside the sensor itself, not inside the meter.

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