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# Multi Function... Pin Settings

The Multi-Function dialog gives the user access to the configuration settings pertaining to the fault pins on the device. The configuration settings allow users to:

- Enable or disable pins
- Map specific faults to external pins
- Configure how the pins are driven for system compatibility
- Firmware functions

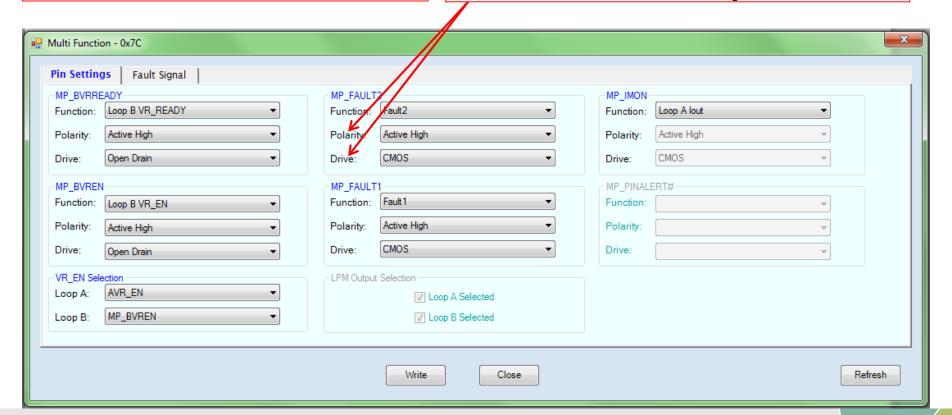
# For all pins there are some common settings

#### **Drive**

- Output Buffer type to be use for the pin
- Open Drain: can pull to GND, need an external resistor for pullup
- CMOS: Actively driven output signal

#### **Polarity**

 Logic signal polarity for the pin. Should it be High or Low level when the related signal is active.





# Multi Function... Pin Settings

Depending on selected part some selections may be grayed out and not available.

#### MP\_BVRREADY Function

Function that will be mapped to MP\_BVRREADY pin

## **MP\_BVREN Function**

Function that will be mapped to **MP BVREN** pin

#### **VR\_EN Selection**

- Pin that will be use for VR\_EN function for a specific loop

#### **MP FAULT2 Function**

Function that will be mapped to MP\_FAULT2 pin

### **MP FAULT1 Function**

Function that will be mapped to MP\_FAULT1 pin

## **LPM Output Selection**

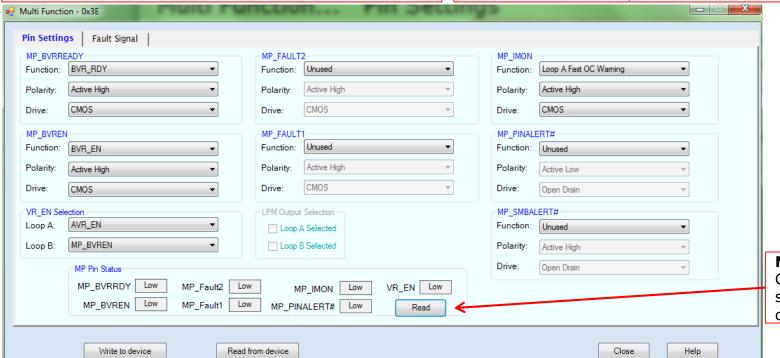
Low power mode selector that asserts the signal when the selected loop is either disabled or in PS4 active only when LPM is selected for a pin.

#### **MP IMON Function**

- Function that will be mapped to **MP IMON** pin

#### **MP PINALERT# Function**

Power In alert,



**MP Pin status** Click Read button to

see status of the different Pins



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# Multi Function... Fault Signal

