

# 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

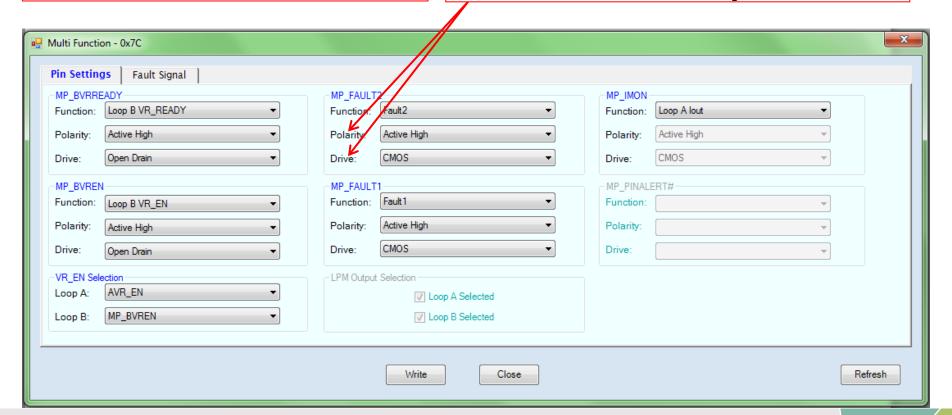
# For all pins there are some common settings

#### **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

#### **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, Not available for XDPE10281





# Multi Function... Fault Signal

