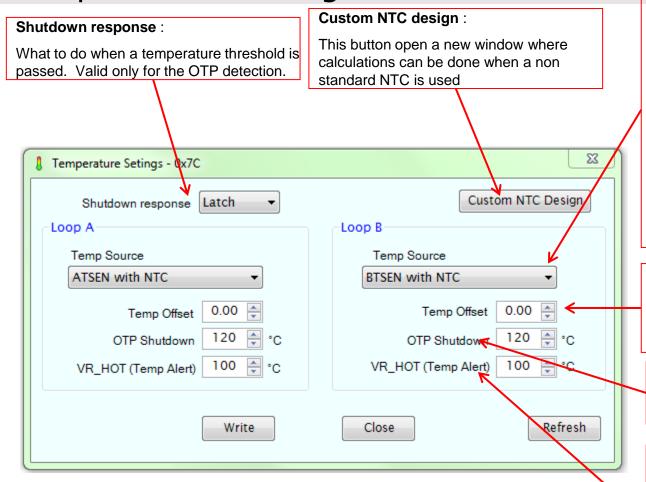


# Temperature Settings



## **Temperature Source:**

Temperature signal comes from:

-ATSEN with NTC: Use an external NTC resistor to measure temperature. Typically the NTC is placed near output inductors.

-ATSEN with Integrated Tsense: Available if the power stage(s) in Loop A provide an integrated temperature sense measurement

*-Disable*: Do not use the temperature function

For LoopB it can also be set to follow the loop A setting.

### Temp Offset:

Allow an offset to be entered to compensate for any measurment errors or offset due to location of temperature sensor.

# **OTP Shutdown**:

Select the temperature for when Over Temperature Shutdown is to be acitvated.

#### VR HOT:

Select the temperature for when VR-HOT fault and pin to be acitvated. This function have a 3% hysteresis. i.e. When set to 100C the VR\_HOT warning will be set when temperature goes above 100C and stay on until temperature droppes 3% (97C) then the fault flag reset itself.