

# Phase & Frequency...

**Loop Mode:** Here the maximum number of phases can be selected. Depending on which partnumber there will be more or less combinations to select from.

**Enable Auto Phase Detect:** Mark if the automatic detection of number of mounted phases on a board is to be used

After selection of phases the **Pinout Diagram** button can display what pins are assigned to which signal

**Operation MODE:** Select type of application.

POL/telecom is intended for ASIC and FPGA loads that not follow Intel standards

**Fsw:** opens a menu with different switching frequencies to select from. Note that depending on number of phases in a loop available frequencies may differ slightly due to internal division ratios.

**Close button:** close window without saving

**Read from Device Button:** Restore the values entered to values before they got changed or read from a device if connected.

**Write button:** save the settings

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**PSx State:** Number of phases for the different PowerStates. Typically used for Intel applications. If not used enter same number as for Maximum phases

**Max Duty cycle:** Maximum dutycycle allowed for PWM signal. Calculate for minimum Vin and Max Vout operation. May need to be higher to allow for transient condition during steps in load.

**Use Doubler Driver:** Mark box when using 2 powerstages per phase in doubler configuration.

**Enable Tracking mode:** LoopB tracks loopA

**Close button:** close window without saving  
**Read from Device Button:** Restore the values entered to values before they got changed or read from a device if connected.

**Write button:** save the settings