Edge-Aligned, Variable Phase Operating Modes

$$F_{PWM} = \frac{16 \cdot F_{PGx\_clk}}{PGxPER + 16}$$

$$PGxPER = \left(\frac{16 \cdot F_{PGx\_clk}}{F_{PWM}}\right) - 16$$

Where:

F_{PWM} = Switching Frequency

PWM Period = $1/F_{PWM}$

Center-Aligned Modes, Edge-Aligned and Variable Phase Modes with Push-Pull Output Mode

$$F_{PWM} = \frac{8 \cdot F_{PGx\_clk}}{(PGxPER + 16)}$$

$$PGxPER = \left(\frac{8 \cdot F_{PGx\_clk}}{F_{PWM}}\right) - 16$$

Center-Aligned Modes with Push-Pull Output Mode

$$F_{PWM} = \frac{4 \cdot F_{PGx\_clk}}{(PGxPER + 16)}$$

$$PGxPER = \left(\frac{4 \cdot F_{PGx\_clk}}{F_{PWM}}\right) - 16$$