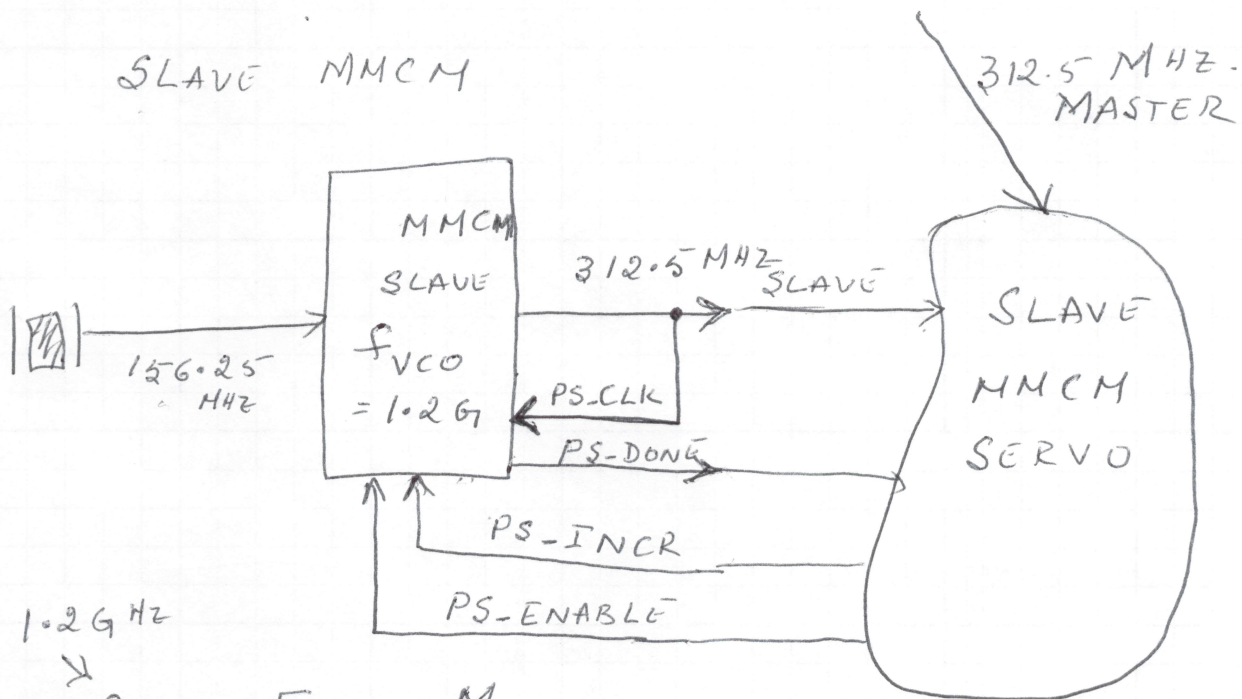


SLAVE MMCM



1.2 GHz

$$f_{VCO} = F_{CLKIN} \times \frac{M}{D}$$

\uparrow 156.25 MHz

$$F_{OUT} = \frac{f_{VCO}}{0}$$

\rightarrow 312.5 MHz

$$V(t) = \sin(2\pi f_{VCO} \cdot t)$$

MMCM-OUT

$$V(t) = \sin(2\pi f_{VCO} t \pm \phi)$$

MMCM-OUT

SEL SCHWEITZER ENGINEERING LABORATORIES, INC.

