

## LEVEL SHIFTER

A level shifter, also called level converter or logic level shifter, or voltage level translator, is a circuit used to translate signals from one logic level or voltage domain to another, allowing compatibility between integrated circuits with different voltage requirements.

Here clock signal from NOCG is given to level shifter with  $V_{pb}$  acting as the supply voltage to level shifter. In this way our clock signal will be shifted to level of  $V_{pb}$  i.e. around 3V<sub>solar</sub> and given to nested voltage tripler.

