

## SPO-7050B

### Features

- One time programmable
- Short Lead Time
- Wide frequency range 1MHz to 200MHz (at 3.3V)
- Wide voltage range 1.8V to 3.3V
- Pin1 : Output Enable (OE) or Chip Enable (CE)



### Specifications

Model	SPO-7050B
Nominal Frequency range	1MHz to 110MHz / 1.8V, 1MHz to 166MHz / 2.5V, 1MHz to 200MHz / 3.3V
Storage temperature range	-55 to +125 deg.
Operating temperature range	-40 to +85 deg.
Frequency stability	$\pm 30 \times 10^{-6}$ , $\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$
Power supply voltage (Vdd)	+1.8V DC $\pm 10\%$ ~ +3.3V DC $\pm 10\%$
Current consumption	30mA max
Output level	C-MOS
Load	15pF
Output voltage level	$V_{OL}$ :10%Vdd max. / $V_{OH}$ :90%Vdd min.
Rise & Fall time	5ns max. / 10%Vdd - 90%Vdd
Duty cycle	45 to 55% / 2.5 to 3.3V 40 to 60% / 1.8V at 1/2Vdd
Jitter(1sigma)	100ps max.
Tri-state Function	#1 : N.C. or "H" = Output enable / "L" = Hi-Z (Output disable or Chip disable)

Please consult with us for more details. Sales@siward.com.tw

### Outline Dimensions [unit:mm]

Terminal	Connection
#1	CE/OE
#2	GND
#3	Output
#4	Vdd

Example of a Terminal Land Pattern