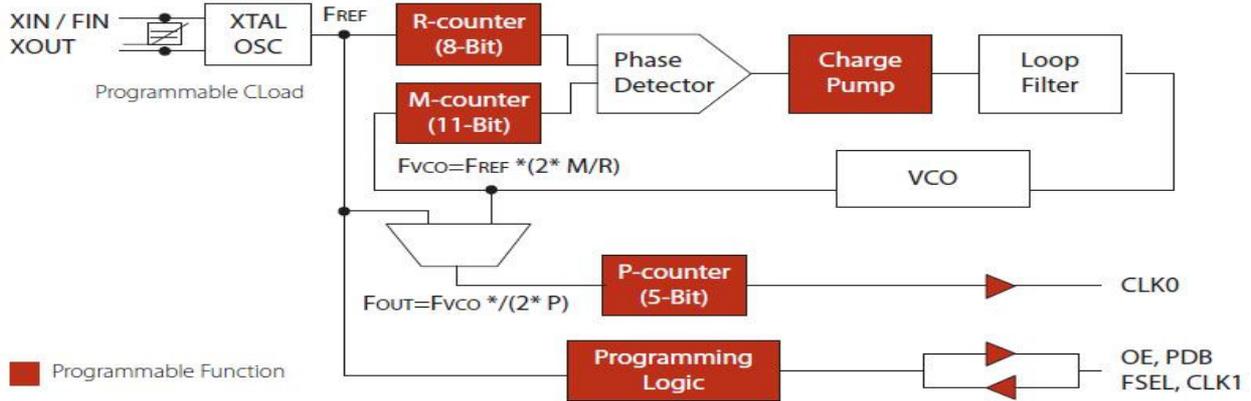


Programmable Crystal Oscillator

Block Diagram of Programmable Oscillator SPO-7050B, SPO-5032B

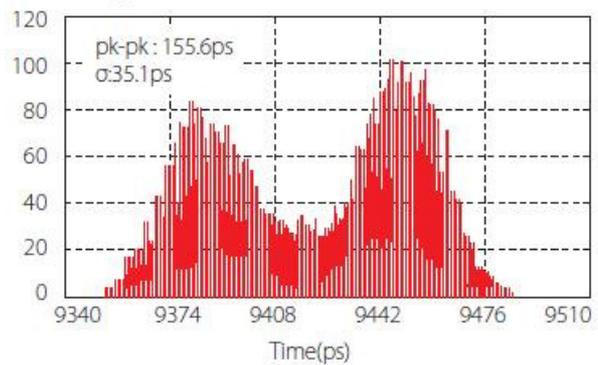
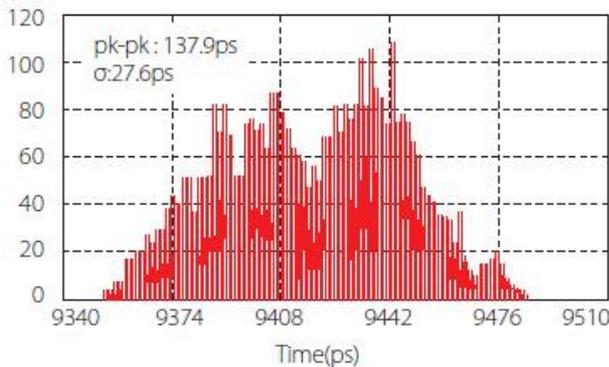


Programmable Item	
Supply voltage	+1.8 ± 0.18
	+2.5 ± 0.25
	+3.3 ± 0.33
Load Capacitance (MAX value)	15pF (1MHz~200MHz)
	30pF (1MHz~200MHz)
Target frequency	≤ 110MHz @ 1.8V operation
	≤ 166MHz @ 2.5V operation
	≤ 200MHz @ 3.3V operation
Frequency deviation	± 100ppm
	± 50ppm
	(± 30ppm) To be defined
Output control function	CE (Chip Enable Tri-state function)
	OE (Output Enable Tri-state function)

The advantages of PLL IC are as following.

- * Low Jitter
- * Wide range frequency (1~200MHz)
- * Customize and Saving time
- * Rewriteable
- * Upload data easily
- * Programmable items (supply voltage, output load, CTL)

Comparison (Jitter) Example: 106.25MHz



User friendly

1. Install the program we provided
2. Running the program
3. Link PC/NB via USB or RS232C
4. Fill in the data of the program
5. Show the crystal oscillators you expected

Please contact us, if you need algorithm disclosure of program

