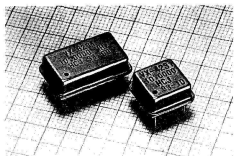


# VX - series

## HCMOS - type



type	full size VX-	8241	8242	8244	8231	8232	8234
	half size VX-	4241	4242	4244	4231	4232	4234
frequency range (MHz)	0,250 ~ 3,5			3,5 ~ 100		3,5 ~ 70	
current consumption max.	10 mA			15 mA (3,5 ~ 29,9 MHz) 30 mA (30 ~ 69,9 MHz) 60 mA (70 ~ 100,0 MHz)			
frequency stability (ppm)*	± 100	± 50	± 100	± 100	± 50	± 100	
output load	15 pF						
rise & fall time max.	10 ns			10 ns (3,5 ~ 70 MHz) 3 ns (71 ~ 100 MHz)			
operating temperature	0°C ~ +70°C						
storage temperature	-55°C ~ +125°C						
supply voltage	5 Volt ± 10%						
output level "low"				0,5 Volt max. (I <sub>OL</sub> : 4 mA)			
output level "high"				V <sub>DC</sub> -0,5 Volt min. (I <sub>OH</sub> : -4 mA)			
symmetry at 1,4 Volt	40/60%		45/55%		40/60%		45/55%
package	DIP 14 DIP 8						

\* frequency stability: inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, aging, shock and vibration

**features:**

- metal package
- suitable for wave soldering
- ultrasonic washable
- packed in plastic tubes

DIP 14: 25 pcs; DIP 8: 40 pcs

<b>order information:</b>	1. type	<b>example:</b>	1. VX-8231
	2. frequency		2. 10,0 MHz
	3. output level		3. HCMOS
	4. stability		4. ± 100 ppm
	5. package		5. full size (DIP 14)