



# HCMOS - type

spec type	frequency range ( MHz )	frequency stability ★	operating temperature	rise & fall time max	current consumption max	symmetry ( % )
low frequency	VX-8241	+100 ppm	0°C to +70°C	10 ns	10 mA	40/60
	VX-4241					
	VX-8242	+50 ppm				45/55
	VX-4242					
	VX-8244	+100 ppm				45/55
	VX-4244					
medium frequency	VX-8231	+100 ppm	0°C to +70°C	10 ns (3,5- 70 MHz)	15 mA (3,5- 29,9 MHz)	40/60
	VX-4231			3 ns (70-100 MHz)		
	VX-8232	+50 ppm		10 ns	30 mA (30- 69,9 MHz)	45/55
	VX-4232					
	VX-8234	+100 ppm		60 mA (70-100 MHz)	45/55	
	VX-4234					
VX-6231	3,5 to 70	+100 ppm	0°C to +70°C	10 ns	60 mA	40/60
VX-6232		+50 ppm				
VX-6234		+100 ppm				

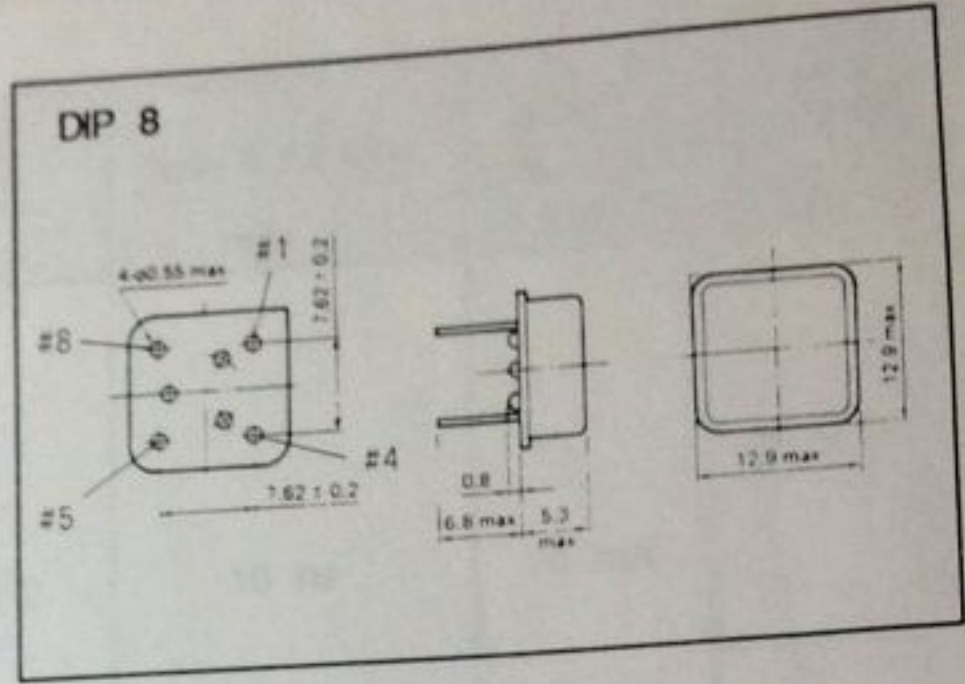
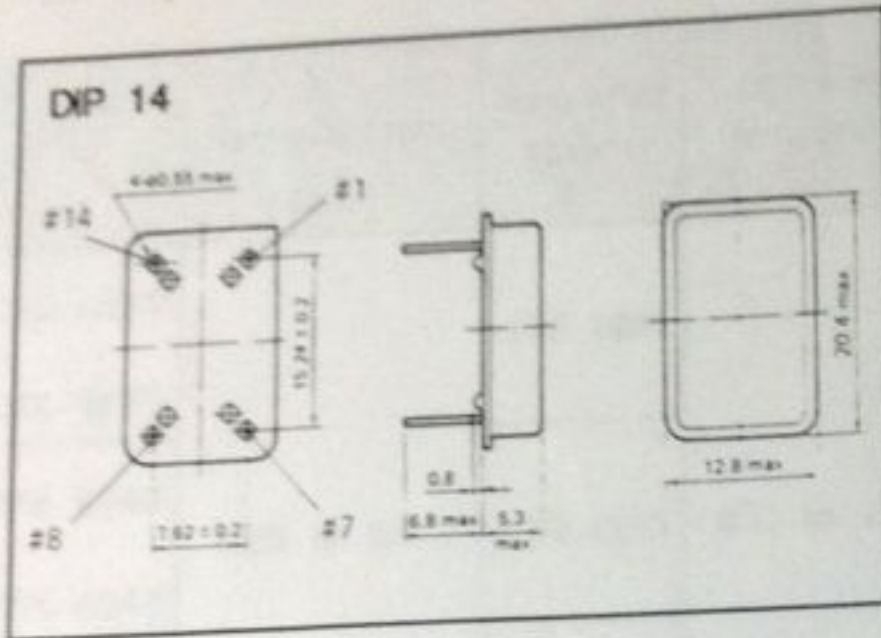
★ inclusive of calibration tolerance at +25°C, operating temperature range  
input voltage change, load change, aging, shock and vibration

general specification	
supply voltage	+5V ±10%
output low level	+0,5V max
output high level	V <sub>DC</sub> - 0,5V min
output load	15 pF
storage temperature	-50°C to +125°C

package	
VX-82xx	DIP 14
VX-42xx	DIP 8
VX-62xx	DIP 14

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# PACKAGE INFORMATION



## PIN CONNECTION

TTL type

pin	VX-81xx
1	nc
7	gnd
8	output
14	suppl. volt.

pin	VX-41xx
1	nc
4	gnd
5	output
8	suppl. volt.

CMOS type

pin	VX-82xx	VX-62xx
1	n.c.	output 1
7	gnd	gnd
8	output	output 2
14	suppl. volt.	suppl. volt.

pin	VX-42xx
1	n.c.
4	gnd
5	output
8	suppl. volt.

TRISTATE type

VX-82xx		VX-42xx	
pin 1	control	pin 1	control
7	gnd	4	gnd
8	output	5	output
14	suppl.volt.	8	suppl.volt.

enable/disable function	
input pin 1	output pin 5 or pin 8
high or open	oscillation
low level	high impedance