

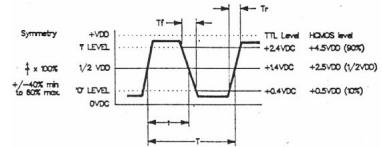
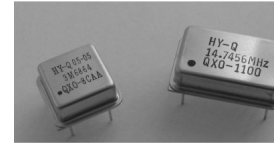
Hi-Q Components

Hi-Q Electronics Ltd, PO Box 302 015, North Harbour, Auckland, New Zealand Ph + 64 9 415 3333 Fax + 64 9 415 8686

Oscillators

DIL Types

Nominal Frequency:	200 KHz - 80 MHz
Temperature Range:	-20 to 70 °C
Frequency Stability:	+/- 25 , 50 or 100 ppm
Symmetry:	40 / 60% (50% VDD)
Output "0" level:	+0.5V (10%VDD)
"1" level:	+4.5V (90% VDD)
Supply Voltage:	+5V +/- 0.5V DC
Load:	CMOS Compatible 1-10 TTL Gates

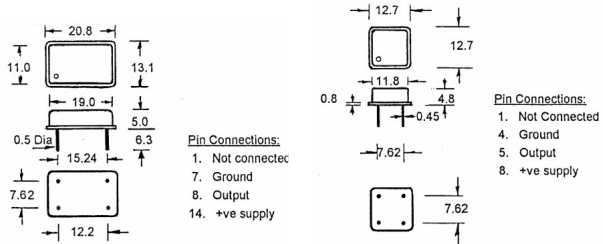


Standard Frequencies (MHz)

1.00000	16.00000
1.6500	16.25700
1.8432	18.00000
2.04800	18.43200
2.4576	19.66080
3.68640	20.00000
4.00000	20.27520
4.03200	24.00000
4.09600	24.57600
4.433619	25.00000
4.91520	25.17500
5.00000	28.32200
5.06880	30.00000
6.00000	32.00000
6.14400	33.00000
7.37280	35.00000
8.00000	36.00000
8.19200	40.00000
10.00000	48.00000
11.05920	50.00000
12.00000	60.00000
12.28800	66.00000
14.31818	66.66600
14.74560	80.00000
15.00000	

14 Pin DIL

Part No. 58-QX1100xx.xxxx 100ppm
 Part No. 58-QX1050xx.xxxx 50ppm
 Part No. 58-QX1025xx.xxxx 25ppm
 Std Stock 100ppm



8 Pin DIL

Part No. 58-QX2100xx.xxxx 100ppm
 Part No. 58-QX2050xx.xxxx 50ppm
 Part No. 58-QX2025xx.xxxx 25ppm

QSMO-4230 SMD Types

Part No. 58-QSMO4230(stab)-freq

Frequency	1.8 to 170MHz
Overall freq stab. 0 to 70 °C	A=±25ppm, B=±50ppm C=±100ppm, D=±10ppm
Storage temp	-50 °C to +125 °C
Supply voltage	+5V ±10%
Supply current (max)	1.8~32MHz 18mA >32~67MHz 50mA >67~125MHz 80mA >125~170MHz 90mA
Output voltage "0" level	0.5V
"1" level	4.5V
Output load(Max) TTL/CMOS	10LS TTL / 15pF
Output current (max) "0" level	2mA
"1" level	2mA
Rise/Fall times (max) (At 0.1 V _{DD} ~ 0.9 V _{DD})	5nS (<80MHz) 4nS (80MHz+)
Symmetry (max) (at 0.5V _{DD})	45 / 55% default
Start-up time (max)	10mSec
Tri-state control VIH (o/p enabled)	2.0V max
VOH (o/p high impedance)	0.8V min

