

Model

MCO-1510A

MCO-1510B

Package

14Pin Dip(Half Size)

14Pin Dip(Half Size)

Frequency Range (Fo)

1.000MHz to 100.000MHz

1.000MHz to 70.000MHz

Frequency Stability (f/fo)

A=±25ppm,B=±50ppm,C=±100ppm

Operating Temperature Range (TOPR)

0°C to 70°C,-40°C to 85°C(Available)

Storage Temp. Range (Tstg)

-55°C to 125°C

Power Supply Voltage (Vdd)

5Vdc±0.5Vdc

3.3Vdc±0.3Vdc

Aging (at25°C)

±5ppm/year Max.

1.000MHz to 23.999MHz 20mA Max.

1.000MHz to 23.999MHz 10mA Max.

24.000MHz to 50.000MHz 30mA Max.

24.000MHz to 50.000MHz 20mA Max.

50.000MHz to 70.000MHz 40mA Max.

50.000MHz to 70.000MHz 30mA Max.

70.000MHz to 100.000MHz 60mA Max.

40 to 60%Normal,45 to 55%Tight

Output Symmetry(At50% Vdd)

±5ns Max.

Rise and Fall Time(Tr,Tf) 10% to 90% of Waveform W/Hcmos Load

Output Voltage Logic High (Voh)

4.5V min

2.7Vdc minimum

Output Voltage Logic Low (Vol)

0.5Vdc max

0.4Vdc max

Output Load

1.000MHz
to 40.000MHz10TTL Load or 50pF
HCMOS Load1.000MHz
to
24.000MHz2TTL Load or 15pF HCMOS Load
Max40.000MHz to
1000.000MHz10TTL Load or 15pF
HCMOS Load24.000MHz
to
70.000MHz

15pF HCMOS Load Max

pin 1

No
Connection

No Connection to Enables Output

Tri-State Tri-

Vih

2.2V dc Minimum to Enable Output

Input Voltage

Vil

0.8Vdc Max.to disable Out@ut

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Mechanical Dimensions

