

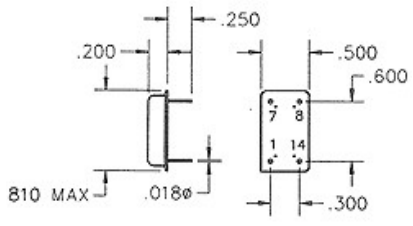
Oscillator, 14 Pin Dip ECL

DATA SHEET	
Part Number	A113
Frequency Range	10.000MHz ~ 250.000MHz
Frequency Stability*	±100PPM Standard (See Option Table)
Operating Temperature Range	-10°C ~ 60°C Standard (See Option Table)
Supply Voltage (Vcc)	(- or +) 5.2VDC ± 10% (pin out option dep)
Current Consumption	60mA Max
Output Level Voh	Vcc — .85V Min
Output Level Vol	Vcc — 1.6V Max
Rise Time (Tr) / Fall Tme (Tf)	Tr = 3.0nS Max, Tf = 3.0nS Max
Output Symmetry	50 ± 10% @ Vcc — 1.3V
Output Logic (Load)	10KH ECL (50 Ohms)
Storage Temperature	-40°C ~ 125°C
Aging	±3.0ppm / year
Packaging	25 pcs Tube, 200pc Box
*Inclusive of calibration, temperature, supply and load.	

OUTLINE DRAWING

Standard	Option 1	Option 2
Pin Connection	Pin Connection	Pin Connection
1 Complimentary	1 N/C	1 N/C
7 Vee	7 Vee (Gnd)	7 Vcc (Gnd)
8 Output	8 Output	8 Output
14 Vcc (Grnd)	14 Vcc	14 Vee

Option 3	Option 4	Option 5
Pin Connection	Pin Connection	Pin Connection
1 N/C	1 Complimentary	1 Complimentary
7 Vee	7 Vee (Gnd)	7 Vcc (Gnd)
8 Output	8 Output	8 Output
14 Vcc (Grnd)	14 Vcc	14 Vee



PART NUMBER TABLE

Option Code	Specification
A	Symmetry 50±5%
B	Operating Temp -15°C ~ 75°C
C	Stability ±50PPM
C1	Stability ±25PPM
C2	Stability ±20PPM
D	Output Tri-State
F	Gull Wing Lead Configuration

Part Number Generation

A113 · Option Code · Frequency
ex: A113-21.500M
(±100ppm, -10°C ~ +60°C)
(Standard Pin Out)

Please contact factory for suctom specifications