



FEATURE

- Compact DIL-14 Package
- Wide frequency range
- Custom Options available
- RoHS Compliant Standard

Table 1

Codes	Stability Codes				
	Frequency Stability	X ±0.5 PPM	Y ±1.0 PPM	Z ±1.5 PPM	P ±2.0 PPM
A	0 to +50° C				
B	0 to +60° C				
F	0 to +70° C				
D	-10 to +60° C				
E	-10 to +70° C				
C	-20 to +70° C				
G	-30 to +80° C				
H	-30 to +85° C				
I	-40 to +85° C				

Denotes Available Denotes not Available

Table 2

Supply Voltage	3.3V	5V
Code	3	5

MECHANICAL SPECIFICATIONS

Outline

Top View

Front View

Bottom View

Option R

External 2 pin variable resistor

▲ All dimensions are in mm.
Sharp edge indicates Pin No.1

Pin Configuration

Pin	Option N&I	Option V	Option R
1	No Connection	Control Voltage	2 Pin Variable Resistor one end
7	Ground	Ground	Ground (Variable Resistor other end)
8	Output	Output	Output
14	Supply	Supply	Supply

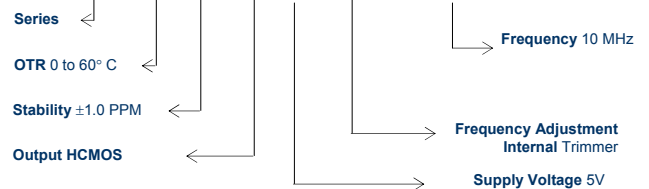
Parameters	Variant			Option Codes
	H	T	S	
Frequency Range: 1 MHz – 120 MHz 8 MHz – 100 MHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Output Drive: 15 pF HCMOS / TTL Sine Wave Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Specify
Output Levels: Logic '0' = +0.5V max, '1' = +4.0V min Logic '0' = +0.4V max, '1' = +2.4V min + 0 dBm (min) into 50 Ω	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rise / Fall time: 10 ns max.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Waveform symmetry: 40:60 max @ 2.5V 40:60 max @ 1.4V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Frequency at Room Temperature: ±1.0ppm at 25°C±2°C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Frequency Stability: (Table 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify
Temperature Range: (Table 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify
Supply Voltage (V_{DD}): (Table 2) +3.3V (±5%) +5.0V (±5%) Others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify
Supply Current: 20 mA max (<20.0 MHz) 30 mA max (20.0 ~ 50.0 MHz) 50 mA max (>50 MHz)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Supply Voltage Stability: ± 0.1 ppm max.per 5% change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ageing: ±1.0 ppm max per year	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Frequency Adjustment: Control voltage trim (0.5 Vcc ±0.5 Vcc) ±3 ppm min by internal trimmer ±5 ppm by external 2 pin variable resistor None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	V I R N
Storage Temperature Range: -55 to +125° C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

■ Standard, □ Optional – please specify required code(s) when ordering.

Ordering Information

Example

1025 B Y H 5 I 010M000000



Specifications subject to change without notice
Revision No. 12b of May 2008

ANDHRA ELECTRONICS LIMITED

34 & 35, IDA, Kakinada, AP – 533 005,
INDIA.
URL: www.andhraelec.com

Phone: +91-884-2342203
Fax: +91-884-2341145
E-mail: info@andhraelec.com