

Product Specification



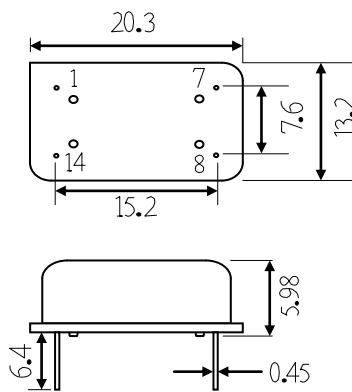
This product is certified to comply with the RoHS Directive 2002/95/EC.



MF50 Series DIL-14 Clock Oscillator



- Metal case
- 5.0V supply
- Tri-state
- Wide frequency range
- -40 ~ +85°C available



Pad	Function
#1	E/D
#7	Ground
#8	O/P
14	Supply

Specification	
Frequency range	0.5 ~ 156.25MHz
Stability (Note 1)	±10 ~ ±100ppm
Temp. range	-20 ~ +70°C -40 ~ +85°C
Supply voltage	5.0V±10%
Supply current	0.5 ~ 23.999MHz: 20mA max. 24.0 ~ 49.999MHz: 30mA max. 50.0 ~ 69.999MHz: 40mA max. 70MHz+: 60mA max.
Output	HCMOS <50MHz: 50pF <70MHz: 30pF >70MHz: 15pF
Duty cycle	50%±5%@V _{DD} /2
Rise/fall time	10nS max.
Enable/Disable	
Pin 1 High (Logic 1)	Output enabled
Pin 1 Open circuit	Output enabled
Pin 1 Low (Logic 0)	Output high impedance

Note 1: Stability is inclusive of adjustment at 25°C, temperature variation, supply and load variation and ageing.

* suffix denotes RoHS Compliant

Standard packing: Bulk

Ordering Code Guide							
Series Code	Case	Voltage	Stability	Output	Temp. range	Frequency	RoHS
M	F=DIL-14	50=5.0V	A=±25ppm B=±50ppm C=±100ppm E=±20ppm F=±15ppm	H=HCMOS 15pF K=HCMOS 50pF	C=-20 ~ +70°C I=-40 ~ +85°C	xxMxxx	*

Issue 2 10/11/10

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