

# 14-Pin Dip, 5.0V, PECL Oscillator



Model: F5L-4GLF Series

RoHS Compliant / Pb Free

Rev. 9/18/2006

[http://www.foxonline.com/need\\_a\\_sample.htm](http://www.foxonline.com/need_a_sample.htm)

# Discontinued

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## FEATURES & OPTIONS

- 5.0V Operation
- PECL Output
- 10 KH Logic Output
- Complementary Output
- Single-Ended Output
- Pullup/Down Internal Resistors
- Various Pin Connections
- -5.2V ECL Version

Learn more about:  
[Part Marking Identification](#)  
[Mechanical Specification](#)

Internet required

## • PART NUMBER SELECTION [Learn More](#) - Internet Required

Part Number	Model Number	Frequency Stability <sup>1</sup>	Operating Temperature (°C)	Frequency Range (MHz)
161LF-Freq-xxxxx	F5L-4GLF	±100PPM	-10 ~ +70	30.000 ~ 200.000
162LF-Freq-xxxxx	F5L-4GRLF	±100PPM	-40 ~ +85	30.000 ~ 200.000
370LF-Freq-xxxxx	F6L-4GLF	±50PPM	-10 ~ +70	30.000 ~ 200.000
189LF-Freq-xxxxx	F6L-4GRLF	±50PPM	-40 ~ +85	30.000 ~ 200.000
207LF-Freq-xxxxx	F7L-4GLF	±25PPM	-10 ~ +70	30.000 ~ 200.000
451LF-Freq-xxxxx	F8L-4GLF	±20PPM	-10 ~ +70	30.000 ~ 200.000

## • ELECTRICAL CHARACTERISTICS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	30.000 ~ 200.000 MHz
Temperature Range	
Operating (TOPR)	-10°C ~ +70°C
Storage (TSTG)	-55°C ~ +125°C
Supply Voltage (VEE)	5.0V ± 10%
Input Current (IDD)	
30.000 ~ 170.000 MHz	50mA
170.000+ ~ 200.000 MHz	60mA
Output Symmetry (50% Vp-p Level)	40% ~ 60%
Rise Time (20% ~ 80% Vp-p) (TR)	
30.000 ~ 170.000 MHz	2.0nS
170.000+ ~ 200.000 MHz	1.5nS
Fall Time (80% ~ 20% Vp-p) (TF)	
30.000 ~ 170.000 MHz	2.0nS
170.000+ ~ 200.000 MHz	1.5nS
Output Voltage (VOL)	+3.05V ~ +3.42V
(VOH)	+4.00V ~ +4.45V
Output Load	50 Ω
Overlap Time (50% Vp-p (Complementary Only))	0.5nS
Start-up Time (Ts)	10mS

<sup>1</sup> Inclusive of 25°C tolerance, operating temperature range, input voltage change, load change, aging, shock, and vibration.

All specifications subject to change without notice.

