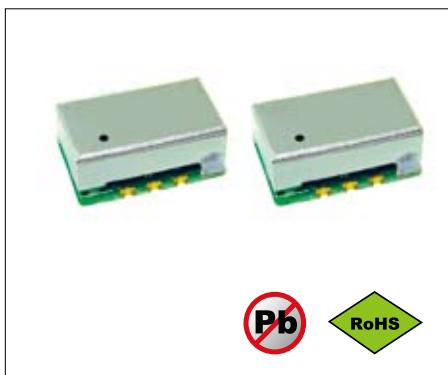


KFPV6

PCB VCXO



■ PCB PECL VCXO 14.4×9.6mm (6PAD)

- Surface mount package 6PAD Design
- Differential output LVPECL
- Low Jitter
- Available 3-state function
- Mode : Fundamental, Multi

■ Applications : Radio transmitter - receiver equipment. Optical transmission device, Digital image devices.

■ Standard Specification



Frequency Range	1.000MHZ to 65.000MHZ (Fund)	0.75MHZ to 800.000MHZ (multi)
Supply voltage		2.5V, 3.3V
Pin 1 Control voltage		1.25V±1.05V (1.25V), 1.65V±1.35V (1.65V)
Frequency Deviation		±100ppm min
Linearity		10% max
Slope		Positive
Current consumption		80mA max
Temperature Range	Operating	-40°C to +85°C, User spec
	Storage	-55°C to +125°C
Frequency Stability		±50ppm max, User spec
Output load condition		50Ω to Vdd-2.0V
Symmetry (Duty)		45% to 55%
Output rise and fall time (tr/tf)		1ns max (20% ~ 80% Output Level)
OE High / OE Low		0.7Vdd min / 0.3Vdd max
High output voltage		Vdd - 1.81V ~ Vdd - 0.88V
Low output voltage		Vdd - 1.025V~Vdd - 1.62V
Pin 2 Input voltage		No Connection (Default)
Pin 2 Input voltage		70% Vdd min (Output enable)
Pin 2 Input voltage		30% Vdd max (Output disable)
Oscillation start up time		5ms max
Aging		± 3ppm max
phase Jitter (12KHZ ~20MHZ)	1ps max	4ps max

■ Dimensions (mm)

