



LVPECL 6 Pad Oscillator

Specifications

Part Number		POMLR
Frequency Range		12.352MHz ~ 622.08MHz
Logic Family		LVPECL
Freq. Stability (f/fo)		± 20ppm Max
Power Supply	Voltage (V_{cc})	3.3V ± 5%
	Current (I_{op})	100mA (max.)
Temp. Range	Operating (T_{opr})	0°C ~ 70°C
	Storage (T_{stg})	-55°C to +85°C
Symmetry/Duty		45/55% @ V _{dd} -1.30Vdc
Output	Load	V _{dd} -2.0Vdc to 50 Ohms
	Voltage (V_{OH})	V _{dd} - 1.025 Volts (min.)
	Voltage (V_{OL})	V _{dd} - 1.620 Volts (max.)
Rise (T_r) & Fall (T_f) Time		1.0ns Max (20% to 80%)
Start Up Time		10ms (max.)
Phase Jitter		1pS (max.); 12KHz ~ 20MHz

RoHS Compliant
Lead Free



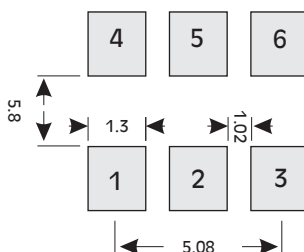
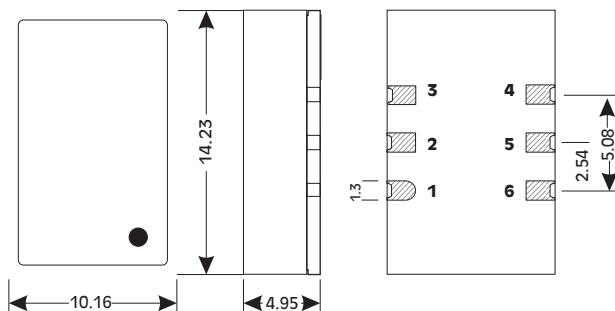
Tri-State

Pin 1	Pin 3
N/C, >2.2V	Active
<0.8V	High Z

Connections

Pin 1	N/C, E/D
Pin 2	NC
Pin 3	Case/GND
Pin 4	Output
Pin 5	Diff Out
Pin 6	+Vcc

Dimensions (mm)



Standard Options

OP Temp

R1	-0~+50°C
R2	-10~+60°C
R3	-10~+70°C
R4	-20~+70°C
R5	-30~+80°C
R6	-40~+85°C
R7	-5~+55°C
RC	Custom Temp.

U1	Tristate Hi En.
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XXXxR-___-XX.XXX X - RX UX

