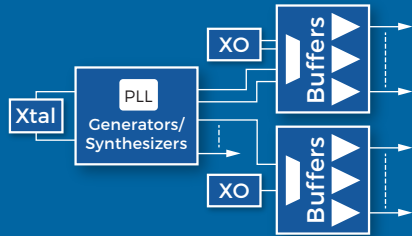


Total Timing Solutions



Design tools

Crystal/Oscillator
Search Tool, Sales
Support & Sample
Request



- Customizable crystal and XO characteristics
- IBIS and 3D STEP models
- Fast sample support
- Evaluation boards upon request
- Schematics and layout review
- Crystal matching service
- PCB debug support

Commercial value

- Cost-effective solutions
- Short lead times; expedited delivery upon request

Applications

- Industrial / robotics
- Networking / telecom
- Medical devices
- Consumer products
- Building / energy

Frequency Control Products

Crystals + Oscillators + ICs from a single vendor;
Optimized performance, cost, and ease of design



Clock Buffer IC

- Additive jitter as low as 10fs
- Up to 16 outputs
- CMOS, LVPECL, LVDS, HCSL, CML outputs



General and HiFlex® Clock Generators

- Jitter as low as 80fs RMS
- Up to 17 outputs
- CMOS, LVPECL, LVDS, HCSL, CML outputs



PCIe Clock Gen and Clock Buffer IC

- PCIe 6.0/ 5.0/ 4.0 support
- Generators: 2 to 19 outputs
- Buffers: 2 to 20 outputs



Crystals and Crystal Oscillators

- Standard and custom frequencies
- CMOS, LVPECL, LVDS, LP-HCSL, HCSL, CML outputs
- Packages as small as 1.6 x 1.2 mm

The Diodes logo is a registered trademark of Diodes Incorporated in the United States and other countries.
HiFlex® is a registered trademark of Diodes Incorporated. All other trademarks are the property of their respective owners.
© 2024 Copyright Diodes Incorporated. All Rights Reserved. July 2024

