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Token Ring Solutions*

ThunderRING[™]
TI380C60
Physical Layer Interface
For NIC and Hub Applications



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TI380C60 Design Features

FEATURES

- Advanced DSP-based phase-locked loop
- Stand-alone repeater mode with automatic frequency acquisition
- Glueless interface to TI380C2x COMM processors

BENEFITS

- Precise control over critical performance parameters
- Eliminates external frequency acquisition logic, reducing system cost
- Eliminates glue logic, reducing system cost



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TI380C60 Design Features

FEATURES

- Fewer, simpler, and less expensive glue logic components
- CMOS technology
- 52-pin thin quad flat pack

BENEFITS

- Reduced system cost
- Simplicity of design
- Low power consumption
- Small footprint, reduced cost

TI380C60 System Connection Block Diagram

