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Token Ring Solutions*

***ThunderRING***<sup>™</sup>  
**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

