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MEERKAT: IN-SITU TIMING MONITOR

TECHNOLOGY
PATENTED

WHAT IS MEERKAT?

Meerkat is a **highly accurate**, in-situ timing monitor IP solution. It provides fully integrated and digital **dynamic system compensation** to ensure peak efficiency and reliability.
Meerkat **optimizes Power and Performance** by enabling systems to operate at the lowest possible voltage without performances impact enabling zero failures.
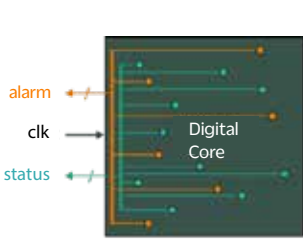Meerkat is a **margin-based solution** to extend system capabilities further.
With advanced **status and alarm** feedback, Meerkat proactively warns **IR drop, workload impact, process variation and aging detection.**
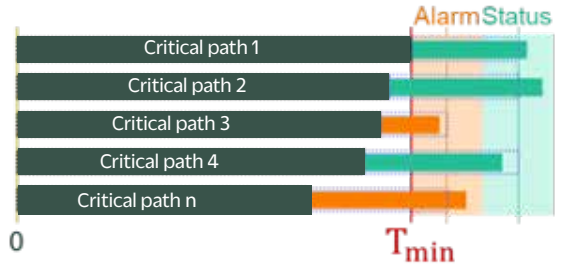
APPLICATIONS

- HPC / AI
- Industrial
- High performance IoT
- Automative
- Networking and telecommunication

Meet with Meerkat Solution

Meerkat Platform

Critical and safety area detection

Key Benefits

- Enhanced Operational Efficiency: Adaptive tuning for performance and power optimization
- Cost Reduction: Lower power consumption and reduced maintenance needs
- Multi EDA solution friendly

Why choose Meerkat?

- Accuracy: Detailed telemetry for precise optimization
- Real-time: Ultra-fast event detection and response time
- Integration: Seamless adaptation across multiple platforms
- Reliability: Built for the most demanding environments
- Solution: Encompass Slack Guards, flag collectors, interfaces and scripts

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