

MEERKAT

IN-SITU TIMING MONITOR

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.

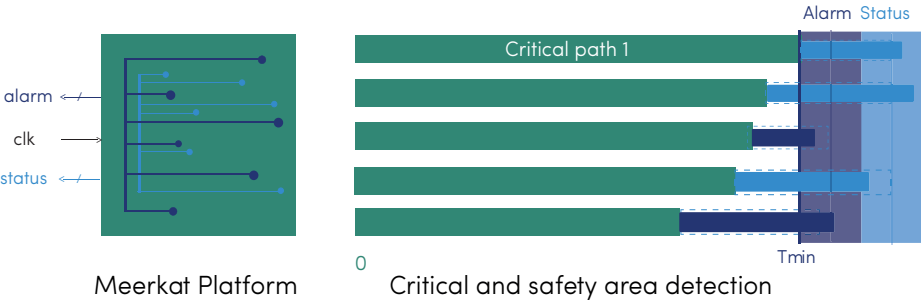
Meerkat optimizes Power and Performance by enabling systems to operate at the lowest possible voltage without performances impact enabling zero failures.

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
- > Automotive
- > Networking and telecommunication

ONE-STOP SHOP PLATFORM



KEY BENEFITS

Enhanced Operational Efficiency:

**Adaptive tuning for performance
and power optimisation**

**Cost Reduction: Lower power
consumption and reduced maintenance
needs**

Multi EDA solution friendly

WHY CHOOSE MEERKAT?

Phase mismatch between
channels

Analog & Digital VAD

Digital DAC

PLL-less audio codec

Customizable audio codec



DOLPHIN
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www.dolphin-semiconductor.com