



# 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



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SEMICONDUCTOR

[www.dolphin-semiconductor.com](http://www.dolphin-semiconductor.com)