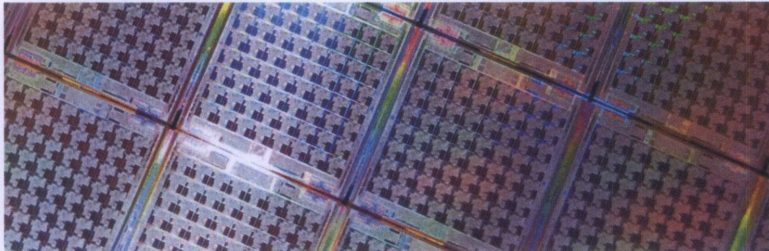


Qosmos ixEngine for Tileria Tile Pro 64

Multi-Gigabit DPI / Network Intelligence Technology



About Tileria

The TILEPro64™ processor brings multicore computing to the next level, enabling embedded applications with the highest compute performance in the market. This latest generation processor features 64 identical processor cores (tiles) interconnected with Tileria's iMesh™ on-chip network. Each tile is a complete full-featured processor, including integrated L1 & L2 cache and a non-blocking switch that connects the tile into the mesh. The TILEPro family incorporates Tileria's DDC™ technology (Dynamic Distributed Cache) that accelerates coherent cache performance by a factor of two compared with other multicores. As with all Tileria processors, each tile can independently run a full operating system, or multiple tiles taken together can run a multi-processing OS like SMP Linux.

www.tileria.com

Qosmos Network Intelligence technology identifies and extracts data traveling over networks in real time, providing a true picture of its purpose, use and value. Qosmos ixEngine SDK consists of pre-developed, customizable, reusable "building blocks" that are optimized for the Tileria Tile Pro 64.

Using Qosmos ixEngine, Tileria customers leverage market-leading Network Intelligence technology to concentrate on their core competence of building complete solutions and accelerate the delivery of more precise, secure and intelligent applications and services.

The Qosmos network intelligence technology has been designed for use across a wide range of applications and for smooth extension to new domains. As an example, the same Qosmos ixEngine can be initially deployed for monitoring and troubleshooting, then extended to network optimization, and finally to multi-tiered services.

Beyond Deep Packet Inspection: Network Intelligence

- Classification of traffic using DPI
- Streaming of thousands of traffic metadata types to your application
- Visibility at the flow, session, application, service and user levels
- Hundreds of different protocols and applications and their latest variants
- Dynamically updates session context to enable smart traffic policy

Meet the challenge of

Core Network Throughputs

- Optimized code for Tileria Tile Pro 64
- 64 cores dedicated to DPI/Network Intelligence
- Brings multicore computing to the next level, enabling DPI / Network Intelligence at multi-Gbps in real time



About Qosmos

As extracting valuable information from IP networks becomes essential for an increasing number of applications, the solutions enabled by Qosmos network intelligence technology are everywhere: Analyzing operator service usages, enhancing service quality and improving customer experience, charging subscribers based on real content usages, measuring multi-play service audiences, monitoring business application performances, filtering peer-to-peer applications, optimizing network flows, collecting accurate business indicators, preventing data leakage, retaining data for regulatory compliance, protecting access to confidential information, getting key data for lawful intercept applications...

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