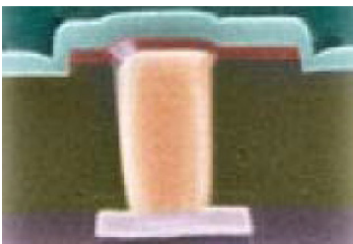




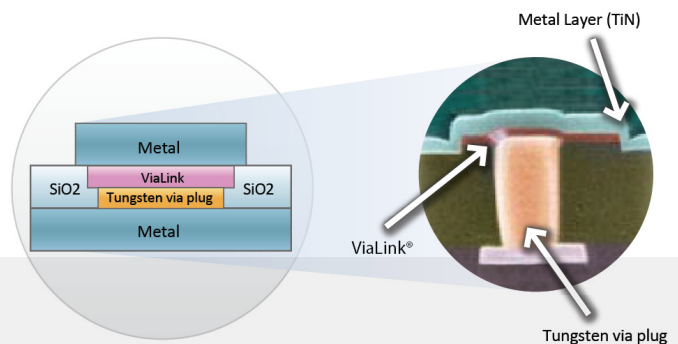
Antifuse FPGAs ideal for battery powered, High reliability, instant-on, Aerospace and Military applications

QuickLogic has been a trusted supplier of programmable logic programmable logic-based products for consumer, industrial and mission-critical applications. Our devices enable OEMs the flexibility to launch products based on a highly reliable programmable logic technology, trusted by numerous military and defense prime contractors over our nearly three decades in the business.

Overview: ViaLink



Our Patented ViaLink® technology serves as the foundation for customizing our solution platforms and delivering Customer Specific Standard Products (CSSPs); all QuickLogic silicon platforms have embedded programmable fabric technology based on ViaLink. ViaLinks are electrically programmable, enabling QuickLogic to customize platforms within minutes to meet customer-specific requirements. Since ViaLinks are based on a standard ASIC using standard ASIC via design rules, ViaLink technology is manufactured as part of the bulk CMOS logic processes at foundry partners Taiwan Semiconductor Manufacturing Company (TSMC) and TowerJazz (TSEM).



Features & Benefits

- **Electrically Programmable**
Enables Customization of a die after fabrication of a wafer, yielding fastest possible times to market and ability to react quickly to the dynamic volumes of the consumer market.
- **Low Power Consumption**
Improves Battery Life and Heat Dissipation
- **Small Physical Size**
Enables Small Form Factor packaging for improved PCB area; small die size for improved manufacturing cost.
- **Non-Volatile**
Single chip solution reduces required PCB area; single supplier simplifies sourcing issues; ability to ship a known good die for System-In-Package (SIP)



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