Home
> Products
> Connected Home
> In-Home Connectivity
> MoCA
> MxL3710

MxL3710

Coaxial Network Controller and RF Transceiver

☰ ☰ OVERVIEW

Description

The MxL3710 incorporates seven generations of fielded MoCA market leadership into the world's first MoCA 2.5 coaxial network controller SoC. The MxL3710 meets the need of today's growing demand for >1Gbps broadband speeds throughout the home.

Using existing coax cabling, the MxL371x creates a reliable, "no questions asked" 2.5Gbps throughput wired backbone in the home, providing broadband subscribers a guaranteed QoS and eliminates costly service calls to the operator.

The MxL3710 operates at radio frequencies between 400MHz to 1675MHz, and coexists with satellite, telco, and cable operator frequency plans. The MxL3710 is compliant to the MoCA 2.5 specifications, and is backward-compatible with MoCA 2.0, 1.1, and 1.0.

Features

- Complies with MoCA$^®$ 2.5 specification profiles A, B, C, and D
- Operating frequency range 400MHz-1675MHz
- 2.5Gbps by default; 3Gbps enhancement mode
- True single-chip SoC with minimum BOM
- Co-exists with cable, terrestrial, satellite signal
- Spectrum analyzer function for monitoring
- Network management TR-069, SNMP, VLAN
- MoCA protected setup (MPS)

Press Releases

MaxLinear Announces Next Generation Multi-Gigabit MoCA 2.5 Single-Chip Home Networking Solution