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We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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VSC6817SDK

IStaX™ Linux Application Software Package for Managed Ethernet Switches

The IStaX (VSC6817SDK) Linux Application Software Package is a turnkey Industrial Ethernet switch solution designed to support Microsemi's managed Ethernet switch devices. The software uses the latest Linux operating system for optimal performance and cost effective implementation.

Management is performed using a Web GUI, Command Line Interface (CLI), Simple Network Management Protocol (SNMP), or Java Script Object Notation Remote Procedure Call (JSON-RPC), running on the internal MIPS24Kec CPU.

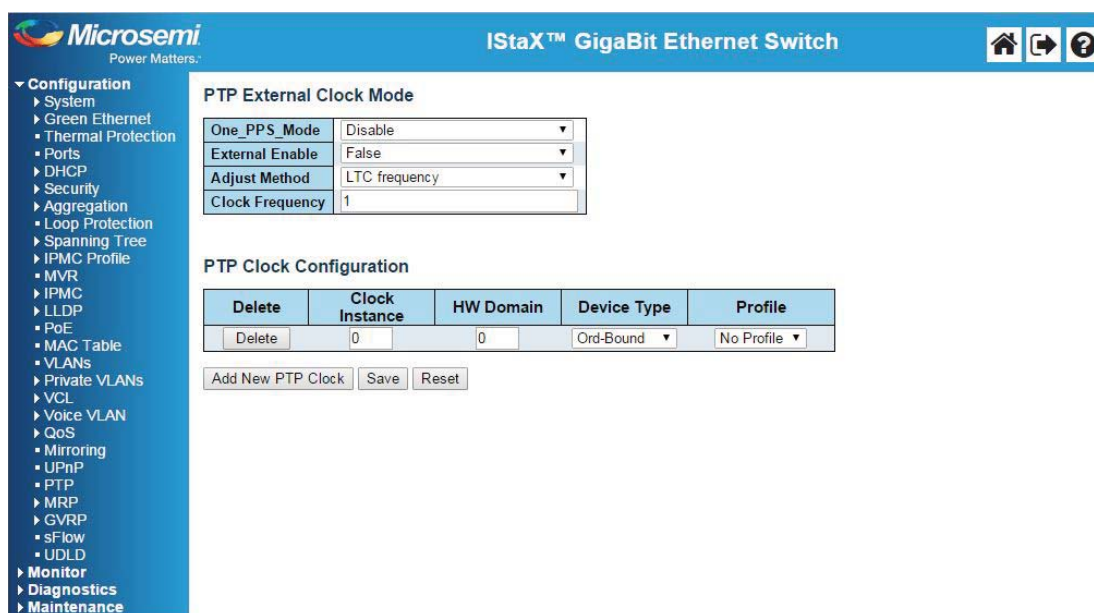
The VSC6817SDK is highly integrated with advanced L2 switch features such as QCLs and ACLs, and includes support for synchronization functions such as Synchronous Ethernet, IEEE 1588, and third-party servos, and protection functions including linear and ring protection.

Highlights

- Advanced L2 switching and L3 forwarding including VLANs, GVRP, IGMP, flow mirroring, and DHCP option 82
- SyncE and IEEE 1588 solution with PTP protocol, and hardware-accurate time stamping. For high accuracy applications, a Microsemi DPLL and separately-licensed servo algorithm are required.
- G.8031 link protection and G.8032 ring protection

Applications

- Industrial automation
- Smart grid
- Intelligent transportation systems



PTP External Clock Mode

One_PPS_Mode	Disable
External Enable	False
Adjust Method	LTC frequency
Clock Frequency	1

PTP Clock Configuration

Delete	Clock Instance	HW Domain	Device Type	Profile
Delete	0	0	Ord-Bound	No Profile

Add New PTP Clock Save Reset



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