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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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### WebConfig Package for VSC8051-based Lightly Managed Enterprise Switches

Best-in-class software development kit (SDK) for standalone enterprise network switches.

The WebConfig (VSC6811SDK) software development kit (SDK) is a turnkey, lightly managed L2 switch application designed to support SparX-III VSC8051-based lightly managed enterprise switches including the VSC7420, VSC7421, and VSC7422 switches.

The WebConfig package consists of only the source code. A Keil PK51 compiler and tools are needed to customize the software to support various port configurations and protocols.

The software uses a simple software architecture for optimal performance and cost-effective implementation. Tools are available for loading code to the embedded 8051 CPU.

Management is performed through a Web GUI or command line interface (CLI). The software package is integrated, with basic switch features such as Port types/speeds and VLAN, HW MAC learning.

#### Highlights

- Lightly managed L2 switch application
- Web GUI and CLI interfaces

#### Applications

- Standalone managed L2 switch for small enterprise networks
- Industrial Ethernet switch for rough environments

### VITESSE SparX-III-G25™ - 25 Port Gigabit Ethernet Switch

#### Configuration

- System
- Ports
- VLANs
- Aggregation
- IGMP Snooping
- Mirroring
- LLDP
- Quality of Service

#### Monitoring

- Statistics Overview
- Detailed Statistics
- IGMP Status
- VeriPHY
- LLDP Statistics
- LLDP Table
- Ping

#### Maintenance

- Warm Restart
- Factory Default
- Configuration File Transfer
- Logout

#### System Configuration

MAC Address	00-01-c8-01-01-01
S/W Version	Luton25 3.06
H/W Version	1.0
Temperature	58 °C
Active IP Address	10.9.52.115
Active Subnet Mask	255.255.255.0
Active Gateway	10.9.52.200
DHCP Server	10.9.52.24
Lease Time Left	613198 secs

DHCP Enabled	<input checked="" type="checkbox"/>
Fallback IP Address	<input type="text" value="192.0.2.1"/>
Fallback Subnet Mask	<input type="text" value="255.255.255.0"/>
Fallback Gateway	<input type="text" value="0.0.0.0"/>
Management VLAN	<input type="text" value="1"/>
Name	<input type="text"/>
Password	<input type="password"/>
Inactivity Timeout (secs)	<input type="text" value="0"/>

Apply Refresh

## Port Control

- Autonegotiation or forced mode port speed/duplex mode/flow control
- Maximum ingress frame size (1518–9600 bytes)
- Port state (administrative status)
- Port status (link monitoring)
- Port VeriPHY™ cable diagnostics to locate cable shorts/opens and cable length

## QoS

- Port default priority
- DSCP

## L2 Switching

- Auto MAC address learning/ageing
- MAC addresses static (CLI only)
- 802.1Q
- Port-based VLANs
- Virtual LAN
- Private VLAN static (CLI only)
- Loop guard (CLI only)
- Link aggregation static
- IGMPv2 snooping
- Per port independently configurable ingress and egress port mirroring (CLI only)

## Power Savings

- EEE power management

## Management

- DHCP client
- HTTP server for switch management using Web browser
- Ping/trace route
- HTTP software download
- CLI–console port for switch management using RS232 connection

## Related Vitesse Products

Visit [www.vitesse.com](http://www.vitesse.com) for information about these related Vitesse products:

- VSC7420
- VSC7421
- VSC7422

