Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

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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MX6008LN-4SFP Series

Compliant with EN50155, EN50121-3-2, EN55011, IEC61373

4+4G-port Din-Rial Layer 3 Gigabit Managed Ethernet switches

Features

- 4 10/100BaseT(X) ports (DB9 Ports)
- 4 1000BaseSFP slots
- Layer-3 Switching, Supports Static Routing, RIP V1/V2, OSPF
- RingOn (recovery time < 15ms), RSTP for Network Redundancy
- Fanless, -40 to +85°C operating temperature range
- 12~36VDC or 10~24VAC power supply range

Introduction

MX6008LN-4SFP series switches, which boast compact design, highly integration and reliability, are gigabit managed industrial Ethernet switches. The switches are equipped with not only L2 functions but also L3 routing. They are capable of providing power information transmission and network management in harsh industrial environments .They support up to 4 10/100Mbps DB9 ports and 4 Gigabit SFP Slots. They support redundant power supply input ,ranging from 10~24VAC or 12~36VDC. As for installation, they can be installed with Din-rail.

Specifications

Technology	
Standard :	IEEE802.3, 802.3u, 802.3z, 802.3ab,
Processing Type :	Store and forward
Broadcast Storm :	Automatic Broadcast Storm Control
Management :	by Web Browser
RingOn :	Recovery Time within 15ms
Flow Control :	IEEE802.3x Flow Control, Back Pressure Flow Control
Protocols :	IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, Telnet, NTP Client
Software functions :	**L3 Functions** • Static IP routing • OSPFv1/v2 • RIPv1/v2 • VRRP • IGMP v2/v3 Multicast Listener Protocol • Firewall , NAT and port mapping • File sharing based on the SAMBA service • FTP service based on STUPID-FTP • SSH secure access service based on OPENSSH • Add access, control WEB **L2 Functions** • IEEE 802.1Q Static VLAN and VLAN Label • Link Layer Management Protocol (LLDP) • IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) • IGMP SNOOPING • RingOn™ Redundant Technology, recovery time <15ms • RingOpen Redundancy **Management Tools** • Web Interface (HTTP and HTTPS) • Console port and Command Line Interface(CLI) controlled by SSHv2 • SNMPv1/v2c/v3 • Flexible configuration and log file management • Managing local file through HTTP, FTP, TFTP and SCP • Syslog(System log file and remote syslog server) • SNTP(NTP Client) • Software Online Upgrading

Switch Properties	
L3 Host table :	4K
MAC Table Size :	16K
Priority Queues :	4
Max. Number VLANs :	64
VLAN ID Range :	VID 1 to 4094
IGMP Groups :	256

Interface	
RJ45 Port :	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Module :	1000Base-LX (4 SFP slots)
LED Indicators :	Power, Port Status
Console port :	RJ45 Port
Output Warning :	Relay, Standard 2 Pin

Power Requirements	
Input Voltage :	12~36VDC @ 24W MAX 10~24VAC @ 24VA MAX
Input Connection :	Grid panel terminal blocks Standard 4 pin input connection (optional)

Physical Characteristics	
Case :	Slim Metal Case, IP30 Design
Dimensions :	55.2×180×148mm
Installation :	DIN Rail or Panel Mounting

Environment Limits	
Operating Temp. :	Standard Models: -10 to 60˚C Wide Temp. Models: -40 to 85˚C
Storage Temp. :	-40 to 85˚C
Ambient Relative Humidity :	5 to 95%(Non-condensing)

Standards and Certifications	
EMI :	FCC Part15, CISPR(EN55022) Class A
EMS :	EN61000-4-2(ESD) Level 4, EN61000-4-3(RS) Level 4, EN61000-4-4(EFT) Level 4, EN61000-4-5(Surge) Level 4, EN61000-4-6(CS) Level 4, EN61000-6-2
Rail Traffic :	EN50155, EN50121-3-2, EN55011, IEC61373
Shock :	IEC 60068-2-27
Freefall :	IEC 60068-2-32
Vibration :	IEC 60068-2-6

Warranty	
Warranty Period :	3 years

Ordering Information

MX6008LN-4SFP Series

MX6008LN-4SFP-4DB9	Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Temperature -10°C to +60°C, Power Input 12~36VDC or 10~24VAC
MX6008LN-4SFP-4DB9-W	Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Wide Temperature -40°C to +85°C, Power Input 12~36VDC or 10~24VAC