

# GTL-2882, KILBY 28-Port Stackable L3 Lite Managed Gigabit Fiber Optic Switch, 2 x Gigabit SFP/RJ45 Combo, 2 x 10GbE SFP+, 1 x 10GbE Module Slot

## Product Images

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## Short Description

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- Supports up to 8 switches in one stack
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
- Supports Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- IEEE 802.1d/w Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- QoS control for traffic prioritization and bandwidth management

- Supports IPv4/IPv6 network operation
- Virtual stacking supports up to 36 switches in a single logical stack for unified management, monitoring and configuration

## Description

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The GTL-2882 series includes high-performance Gigabit Ethernet Layer3 Lite switches featuring 28 or 52 ports; 24 /48 10/100/1000BASE-T ports, two 10G SFP+ ports, and one 10G expansion slot for a dual-port module. The switch is ideal for high-performance server aggregations, such as enterprise data centers, where it can connect high-end or network-attached file servers through fiber ports. It can also be deployed as a backbone upgrade, or to provide Gigabit-to-the-desktop for power users. This switch is packed with features and is a cost-effective solution that brings continuous availability, enhanced security, and advanced QoS to the network edge, while maintaining simplicity of management.

## Additional Information

Console RJ45	1
Gigabit RJ45/SFP combo	2
Gigabit SFP	22
10-Gigabit module slot	1
Color	Black
EAN	4015867198995
Model Number	GTL-2882
Features	<p>OAM : IEEE 802.3ah Link IEEE 802.1ag Connectivity Fault Management (CFM) ITU-T Y.1731 performance and throughput management Stacking Features : IP Clustering up to 36 devices, bandwidth up to 20G Hardware Stacking up to 8 units, bandwidth up to 20G IPv4/IPv6 dual protocol stack G.8032 (ERPSv1/v2) VLANs: -Supports 4K IEEE 802.1Q VLANs - Port-based VLANs - GVRP/GARP - IEEE 802.1v Protocol-based VLANs - MAC-based VLANs - IP subnet-based VLANs - Private VLANs (Community) - Traffic Segmentation (port isolated) - Voice VLANs - VLAN trunking - VLAN translation L3 features: Multi-netting (CIDR) IPv4 Static Routes RIP v1/v2 ARP/Proxy ARPOAM : IEEE 802.3ah Link IEEE 802.1ag Connectivity Fault Management (CFM) ITU-T Y.1731 performance and throughput management Stacking Features : IP Clustering up to 36 devices, bandwidth up to 20G Hardware Stacking up to 8 units, bandwidth up to 20G IPv4/IPv6 dual protocol stack G.8032 (ERPSv1/v2) VLANs: -Supports 4K IEEE 802.1Q VLANs - Port-based VLANs - GVRP/GARP - IEEE 802.1v Protocol-based VLANs - MAC-based VLANs - IP subnet-based VLANs - Private VLANs (Community) - Traffic Segmentation (port isolated) - Voice VLANs - VLAN trunking - VLAN translation L3 features: Multi-netting (CIDR) IPv4 Static Routes RIP v1/v2 ARP/Proxy ARP</p>
Data rate	Gigabit and 10-Gigabit Ethernet
PoE Supported	No
Concurrent ports	Total 28.00
Fanless	No

Manageable	Yes
Series	KILBY series
Grade	Commercial
Approval and Compliance	FCC Class A, CE, VCCI, CB, UL, WEEE, RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	0°C ~ 45°C
Storage humidity	10% RH ~ 90% RH
Storage temperature	-40°C ~ 70°C
Package Contents	GTL-2882, Power Cord, Console Cable, 19" Rack Mount Kit, Rubber Feet, Quick Installation Guide, Resource CD (User Manual, QIG)
Switching capacity	128 Gbps
Dimensions (W x D x H)	440 x 315 x 44 mm
Product weight (kg)	3.8
Backplane (Gbps)	128Gbps
Flash memory size	128 MB
Packet forwarding rate	95.23 Mpps
Indicators	LED indicators : Port, Uplink, System, Diagnostic
Jumbo frame (KB)	10
MAC address table	16 K
Mount	19" rack mount
MTBF	364,434 hr (25°C)
Packet buffer	1.5 Mbits
Power consumption	42 W
Power input	100 to 240 V, 50-60 Hz, 2 A
Power supply	AC power
RAM size	256 MB

## Standards

IEEE 802.1p priority tags IEEE 802.1x port authentication IEEE 802.3x Ethernet frame start and stop requests and timers used for flow control on full-duplex links IEEE 802.3u CSMA/CD access method and physical layer specifications for 100 BASE-TX Fast Ethernet IEEE 802.3z CSMA/CD access method and physical layer specifications for 1000 BASE-T Gigabit Ethernet IEEE 802.1q Virtual LAN IEEE 802.1d Spanning Tree Protocol IEEE 802.3ad Link Aggregation Control Protocol IEEE 802.1s Rapid Spanning Tree Protocol IEEE 802.1w Multiple Spanning Tree Protocol IEEE 802.1p priority tags IEEE 802.1x port authentication IEEE 802.3x Ethernet frame start and stop requests and timers used for flow control on full-duplex links IEEE 802.3u CSMA/CD access method and physical layer specifications for 100 BASE-TX Fast Ethernet IEEE 802.3z CSMA/CD access method and physical layer specifications for 1000 BASE-T Gigabit Ethernet IEEE 802.1q Virtual LAN IEEE 802.1d Spanning Tree Protocol IEEE 802.3ad Link Aggregation Control Protocol IEEE 802.1s Rapid Spanning Tree Protocol IEEE 802.1w Multiple Spanning Tree Protocol