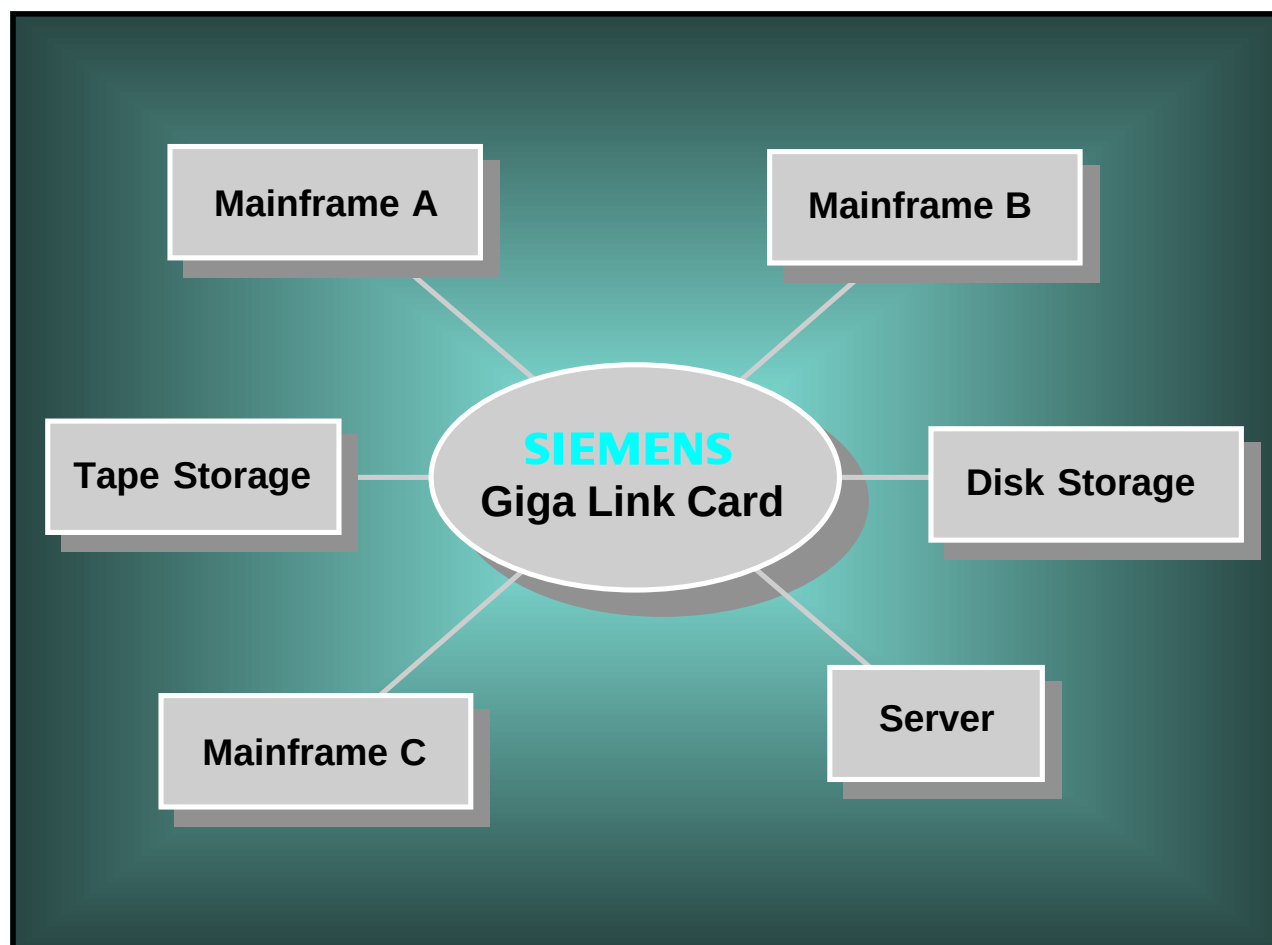


SIEMENS

Siemens Giga Link Card

The heart of Data Transmission



- 1.0625 GBd Fibre Channel Compliant
- 20 Bit Parallel TTL I/O
- Distances up to 10 km
- Low Power, Single + 5 VDC Supply
- Industrie Standard Footprint

Features

- ✓ Compliant with Fibre Channel Standard
- ✓ Compact integrated transceiver unit, including transmitter, receiver and laser control portion
- ✓ Supports transmission rate of 1062.5 MBaud
- ✓ 1300 nm Laser diode for distances up to 10 km
- ✓ TTL compatible host system interface
- ✓ 20 bit wide data input and output bus
- ✓ Local loop back for self-test capability
- ✓ Typical 5.0 W overall power consumption
- ✓ Single power supply (+5 V)
- ✓ Industry standard footprint (GLM)
- ✓ Laser Class 1 product based on FC OFC function

Absolute Maximum Ratings

Parameter	Units	Min	Max
Supply Voltage (Vcc)	V	-0.5	7
Operating Card Temperature (case)	°C	0	70
Operating Ambient Temperature	°C	0	40
Storage Ambient Temperature	°C	-40	85

Electrical Characteristics

Parameter	Symbol	Units	Min	Typ.	Max
Power Supply Voltage	V _{CC}	V	4.75	5.0	5.25
Power Supply Current	I _{CC}	A			1.2
TTL High Input Voltage	V _{TTLIH}	V	2.0		
TTL Low Input Voltage	V _{TTLIL}	V			0.8
TTL High Output Voltage	V _{TTL OH}	V	2.4		
TTL Low Output Voltage	V _{TTL OL}	V			0.5
Reference clock frequency	f _{TBC}	MHz		53.125	
Center Wavelength	λ _C	nm	1270	1300	1355

Ordering Information

Description	Model Number	Part Number
SGLC-1062-L Optical Transceiver	TC-1000GLC	V23808-G1320- C2