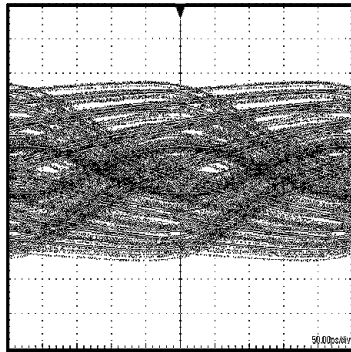


DRIVE 4.25Gbps FIBRE CHANNEL ELECTRICAL INTERFACES OVER 15-METER CABLES

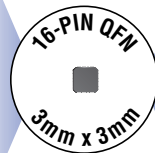
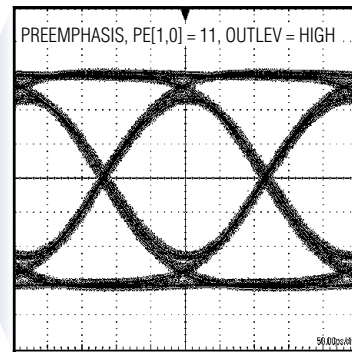
Optimized for SFP Active Copper-Cable Assemblies

The MAX3982 is optimized for 1.0625Gbps, 2.125Gbps, and 4.25Gbps Fibre Channel interconnects up to 15m with 24AWG cables. Four selectable pre-emphasis levels and fixed input equalization up to 10 inches make the MAX3982 perfect for any cable or PCB driver application. Selectable 1.2V_{P-P} or 1.6V_{P-P} differential output swing and selectable LOS sensitivity are all available in its tiny 3mm x 3mm, 16-pin QFN package. Power consumption is only 0.25W. Prices start from \$5.95[†].

4.25Gbps 15-Meter, 24AWG Cable Output Without Driver



4.25Gbps 15-Meter, 24AWG Cable Output Using MAX3982 Driver



Design a Fully SFP-Compliant, Active Copper-Cable Assembly!

Go to: www.maxim-ic.com/SFPcable for a complete reference design and application notes

[†]1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.

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