

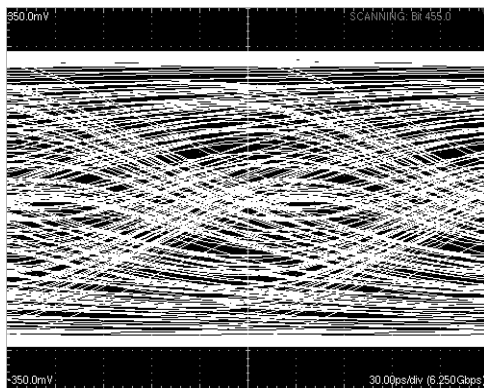
WORLD'S SMALLEST 6.25Gbps BACKPLANE EQUALIZER NEEDS ONLY 1.5mm x 1.5mm

Consumes Only 60mW and Compensates 30in of FR4 at 6.25Gbps

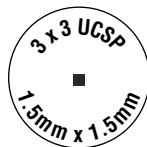
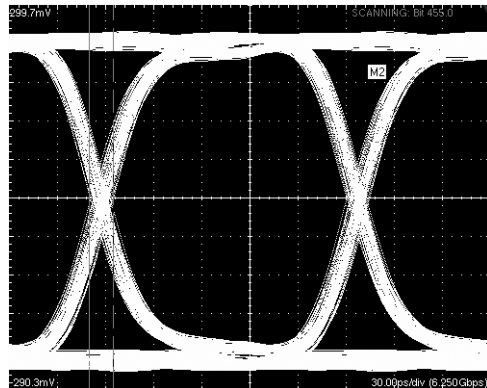
The MAX3785 6.25Gbps equalizer is optimized for 1.8V, DC-coupled FR4 backplane interconnections. The MAX3785's specially designed compensation network is coding independent, functioning equally well for 8b/10b or scrambled signals from 1Gbps to 6.4Gbps. Its flexibility effectively extends the life and upgradability of existing chassis installations by enabling clean high-speed signals. The MAX3785 has differential CML data inputs and outputs. Available in a tiny 1.5mm x 1.5mm UCSP™, the MAX3785 consumes only 60mW with a single +1.8V supply. Prices start at \$4.95.†

This Tiny Part Gives Incredible Performance with No Power Penalty!

6.25Gbps Unequalized Signal after 30in FR4



6.25Gbps MAX3785 Equalizer Output



UCSP is a trademark of Maxim Integrated Products, Inc.

†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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