Elma Simplifies OpenVPX System Integration

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Elma Electronic [1] (Fremont, CA) has developed a new set of target application guides (TAGs) that walk developers through a typical OpenVPX implementation, helping to determine slot and module profiles as well as the backplane profile and to define overall system architecture.

Providing step-by-step guidelines, the new TAGs set an easy design path to develop a VPX-based system up to and including the complete chassis.

These resource tools allow users to identify their optimal VPX starting board and related slot profiles. Whether designers have a board selected, or need to determine the best one for the intended application, Elma's new TAGs offer the framework to make easy design choices and quickly facilitate system development.

Each TAG:

- Features a board overview.
- Identifies slot profiles compliant with the board.
- Outlines companion boards that provide the added function and capabilities to support compute-intensive, high-bandwidth applications.
- Depict a topological diagram of the target application, giving users a springboard from which their OpenVPX system can move from concept to reality.

The final backplane design for the application is drawn from one or more existing standard OpenVPX backplane profiles, many of which Elma helped design as a member of the OpenVPX standards committee.

For more information, please visit http://www.elma.com [1]

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[1] http://www.elma.com