

Versatile POLA™ regulators offer advanced features and secure sourcing for OEMs

Ideal for customers requiring multiple sourcing, Ericsson Power Modules announces no less than five product families of board mounted DC/DC regulators. As Point of Load Alliance (POLA™) compatible units, the regulators enable a reduction of qualification times as regulators from just one supplier needs to be tested. Accordingly the regulators speed time to market and ensure reliable sourcing.

Aimed at OEM and CEM customers with applications in communications, avionics, industrial and medical equipment, the regulators are especially suited to applications where power sequencing is a requirement as the parts have an Auto Track™ feature.

The five PoL families are PME (6A), PMF (10A), PMG (15A), PMH (22A), and PMJ (30A). Versions with Input voltages of 3.3V, 5V and 12V are available, with output voltages ranging from 0.8V to 5V. All of the products are available in both through hole and surface mount versions, and the regulators' open frame design contributes to their low cost.

The Ericsson PoL regulators offer high efficiency for increased reliability and reduced system lifetime costs. Advanced features include power sequencing that is easily implemented using the regulators' Auto Track™ control, and a margin up and down control for system checking. These two features are POLA™ 'firsts'. The capability to start up into a pre-biased output, wide adjust range, thermal shutdown, output sense, and inhibit control are other useful features of these versatile regulators.

As POLA™ compatible devices, the regulators offer true interoperability, not just pin-pin compatibility.

Point of load regulators allow more design flexibility when there are many voltages present in the same system. PoL devices are particularly useful in complex circuits such as those incorporating ASICs and DSPs that demand power sequencing. Another factor driving the demand for these products is customers' demand for multiple sources that have led to the formation of alliances and standards. POLA™ is the first alliance that offers completely interoperable products.

Note: Auto Track™ is a trademark of Texas Instruments.

Ericsson is shaping the future of Mobile and Broadband Internet communications through its continuous technology leadership. Providing innovative solutions in more than 140 countries, Ericsson is helping to create the most powerful communication companies in the world.

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About Ericsson Power Modules

Ericsson Power Modules is a supplier of world-class DC/DC power modules for distributed power architectures. With its global design, development, manufacturing and sales network Ericsson Power Modules is a leading supplier of power solutions to meet the customer demand for high performance.