

Description

- The EP7032 is a high-performance highly Integrated Voltage Regulator (IVR) with three outputs totaling 6A that enables the full integration of multiple voltage rails all in one IC, eliminating all external components. Operating from a 1.8V input supply, the EP7032 offers the industry best density, efficiency, transient performance and dynamic voltage scaling (DVS) from any system input voltage.

Offered in a 5mm x 5mm x 0.75mm FcCSP package, the EP7032C is perfect for space constrained and thin profile applications. Die form is available.

- Server POL
- Optical transceiver SoCs & Modules
- Client/Enterprise/Data Center SSD & NAS
- Networking & Communication SoCs
- Artificial Intelligence (AI) Processors

Pin configuration diagram for the EP7032C. The chip is shown with pins on all four sides. Top pins: VIN (1.62V - 1.98V), PVIN, Vo1 (0.5-1.2V / 2.0A), VX1x (blank), IL1 (blank). Right pins: Vo2 (0.5-1.2V / 2.0A), VX2x (blank), IL2 (blank), Vo3 (0.5-1.2V / 2.0A), VX3x (blank), IL3 (blank). Bottom pins: VSS (ground symbol). Left pins: Enable, Power Good, I3C (SDA and SCL), EN, PG. The chip is labeled EP7032C.



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Empower Semiconductor
2700 Zanker Rd, Suite 168
San Jose, CA 95134

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