In addition to ICs, Photonics, Smart Power and MEMS, Multi-Project Circuits® (CMP) provides access to Power Electronics Building Blocks (PEBB) design and prototyping platform from Grenoble Electrical Engineering Laboratory for DC-to-DC of power converters applications.

Enhanced Power Electronics Conversion from Universal Blocks (e-π³)

A general purpose process line for DC-to-DC modular power converters operating at up to 600V/4kW is made available for manufacturing.

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**GP Process parameters**

- **P<sub>MAX</sub>_CONV**: 4kW
- Max power density: 7kW/l
- Max efficiency: 97.2%
- **V<sub>M</sub>_MAX_PEBB**: 20V
- **I<sub>NOM</sub>_PEBB**: 5A

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CMP provides access to the Design Toolbox ProCD and the Design Rule Manual (DRM) which includes the PEBB standard cells, the design rules & important knowledge for the design.

The Toolbox ProCD allows automatic design from conversion standard cells, auxiliary control module and associated firmware.

Access is conditioned to project specification submission and NDA in place.