



3.0 MHz, 300 mA, DC-to-DC Boost Converter

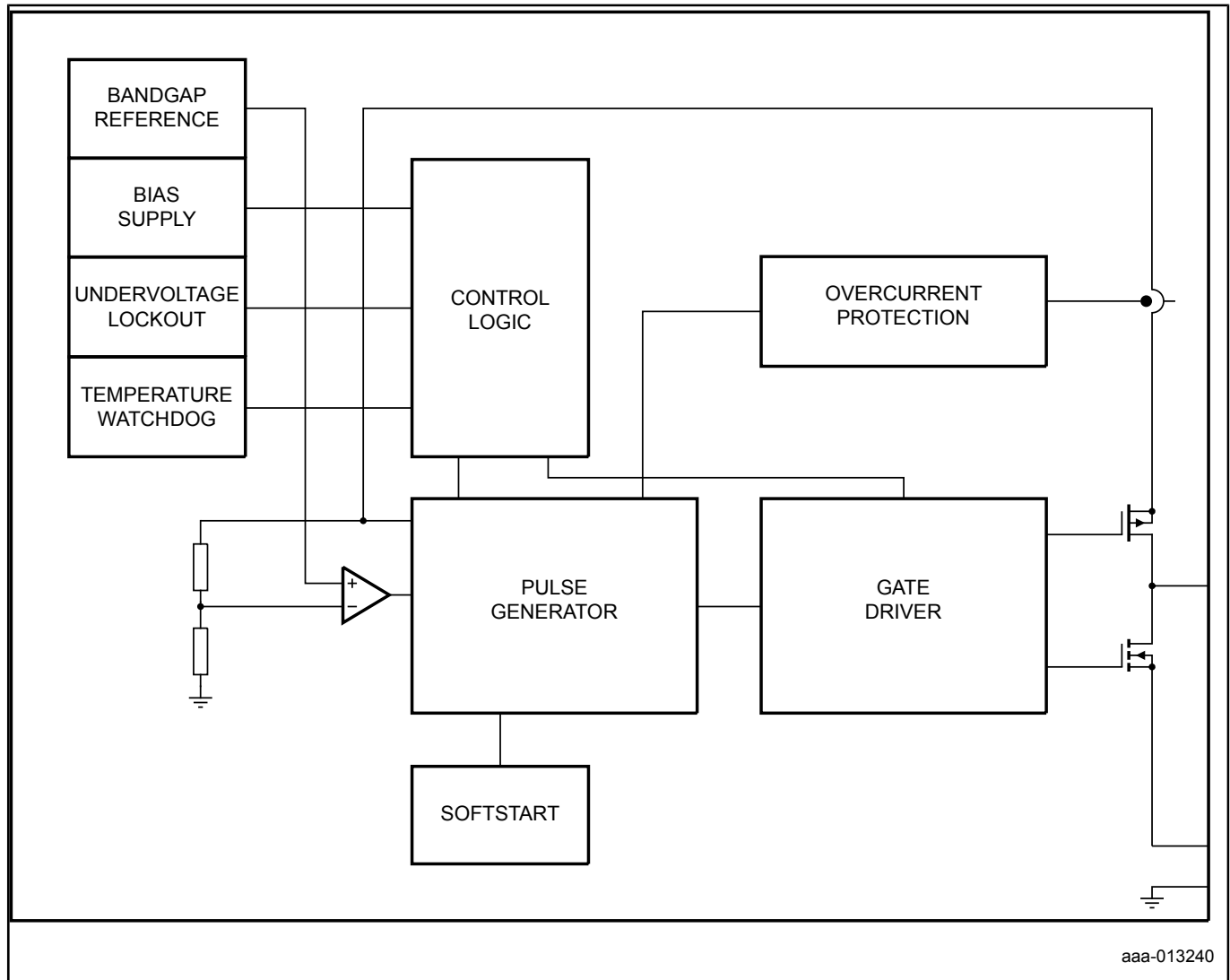
PCA9412

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The PCA9412 and PCA9412A are highly efficient 3.0 MHz, 300 mA, step-up DC-to-DC converters. They convert input voltages from 2.5 V to 5.25 V to a fixed output voltage of 5.4 V.

These devices are optimized for battery-powered applications. High efficiency of up to 94 % enables an extended battery life in all portable designs. Step-up operation at a switching frequency of 3 MHz allows using 1 µH inductor or smaller.

PCA9412 Block Diagram Block Diagram



View additional information for [3.0 MHz, 300 mA, DC-to-DC Boost Converter](#).

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