



TAA6065 Digital Automotive LLC Controller

TAA6065

Active

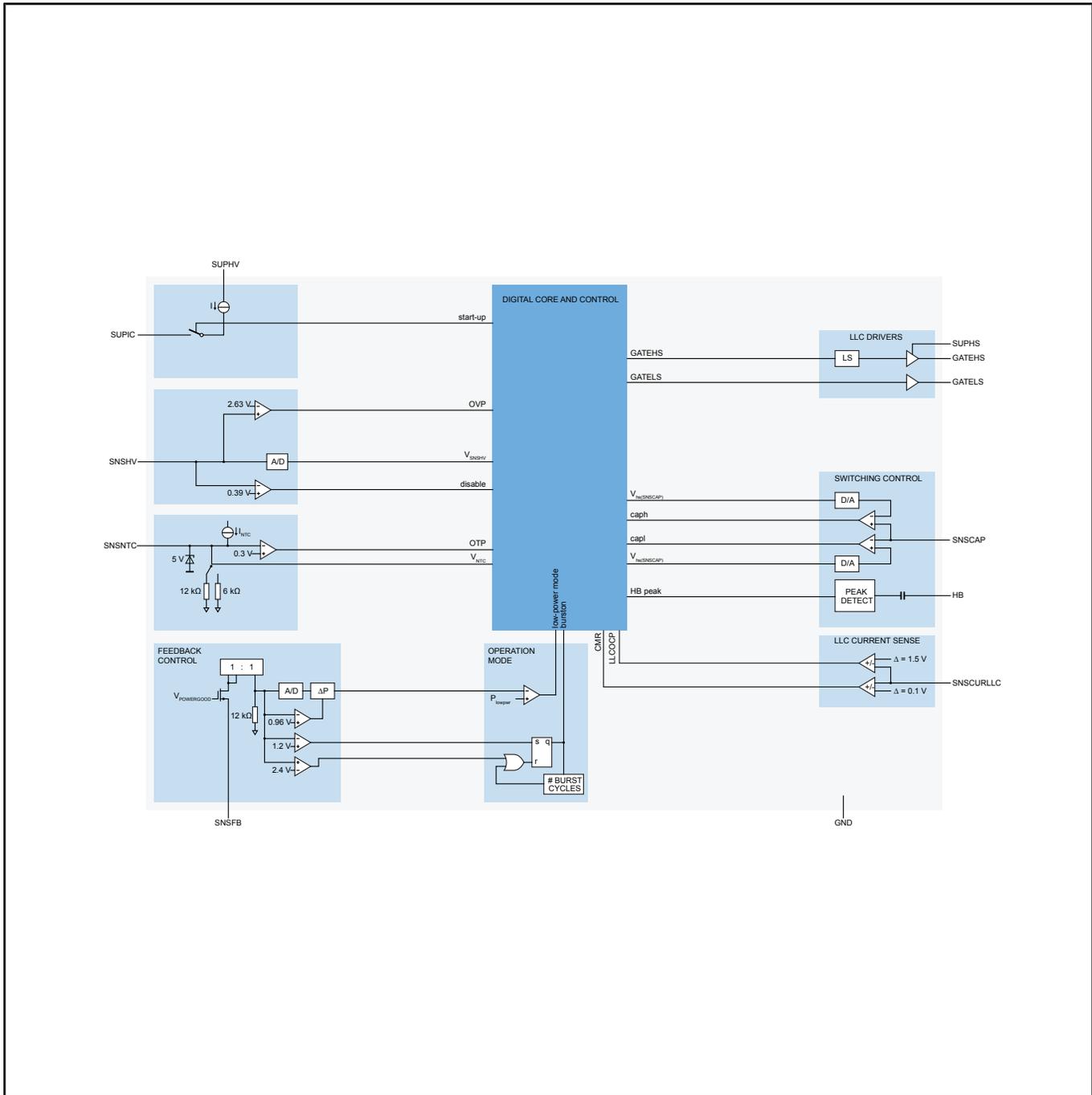
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The TAA6065 is a digital, automotive-qualified controller designed for high-efficiency resonant LLC micro-DC-DC converters and standby power supplies. In electric vehicles (EVs), power consumption during parking — often referred to as battery vampire drain — can reduce overall driving range. To mitigate this, main DC-DC converters are typically turned off in Parking mode due to their limited efficiency at low loads.

The TAA6065 stands out by delivering high efficiency over the entire load range. This is made possible by NXP's GreenChip control technology and its advanced low-power mode, which significantly reduces energy usage during parking.

This product is part of the [NXP GreenChip](#) portfolio. This program optimizes energy efficiency in automotive, mobile and computing applications, specializing in high-power density, safety and reliability.

TAA6065 Block Diagram



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