

DOCKETED

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CG5317 – Auto Grade Green PHY

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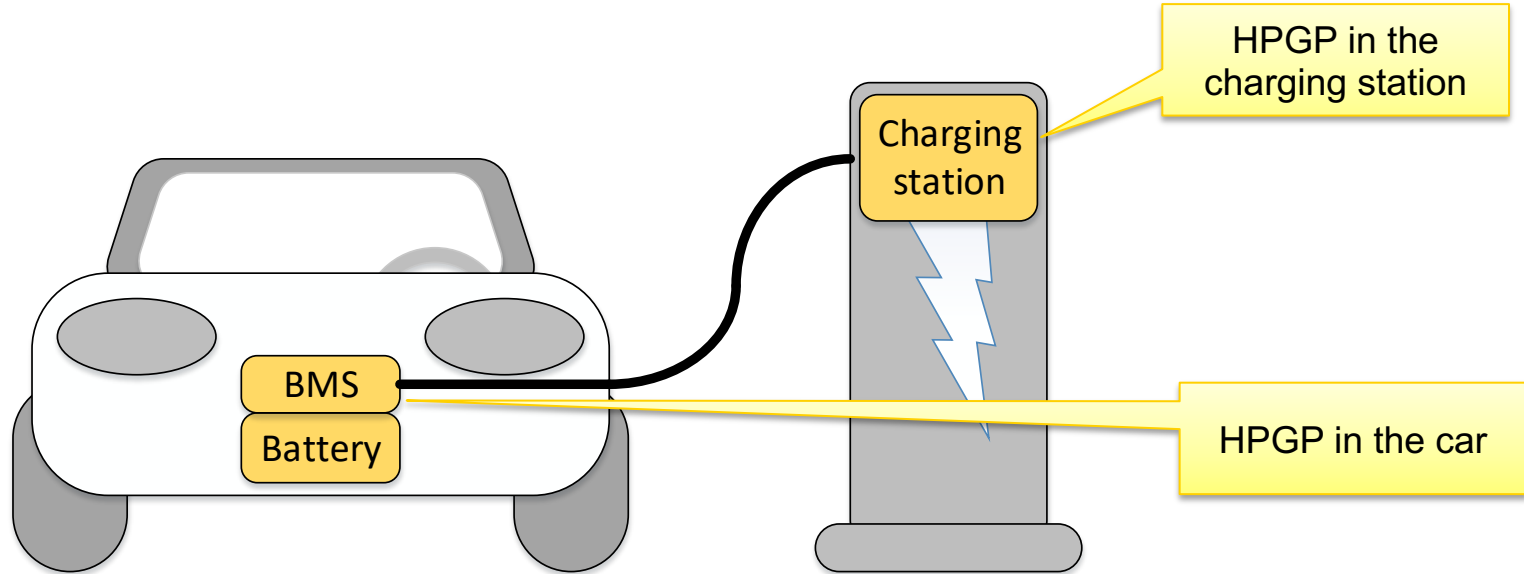
Intelligent Analog

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What is Green PHY... Application

- HomePlug Green PHY (HPGP) is a power line communication technology, used for communication between the Electric Vehicle (EV) and the charging station (Electric Vehicle Supply Equipment - EVSE) during the charging process



- Green PHY automotive grade IC
- Single chip solution
 - Embedded Analog Front End
 - Single Voltage rail – 3.3V (embedded internal DC2DC for silicon's core voltage generation)
- Designed for reliability
 - AECQ-100 grade 2 qualification
 - Automotive EP-LQFP 80 pin package, 12x12mm with 0.5mm pitch
 - ECC (Error Correction Code) protection on internal memories
 - ESD: HBM 2KV, CDM 750V
- EMC friendly
 - Output pins have configurable drive strength

