Features

- Operating voltage range 5.5V to 30V
- Provides 4 HS-CAN physical interfaces
- Compliant with ISO 11898-2 and ISO 11898-5
- Supports local and remote wake-up
- Supports low-power modes like sleep and stand-by
- Sleep current consumption typ. 30µA with all wake-up sources enabled
- SPI-compatible interface for configuration and diagnosis
- Three independent voltage monitors
- Fault monitor configurable for each branch

Applications

- Body domain controller
- Gateways

General Description

The QuadCAN device implements 4 HS-CAN physical layer interfaces with configurable wake-up capability. Each transceiver is overtemperature protected. Mode control and diagnosis are available via SPI compatible interface. Wake-up and error conditions can be signalled using configurable interrupt. Wake-up source information is available by SPI. A high voltage inhibit output pin is available to enable an external voltage regulator. The interface supply voltage VIO can be chosen within range of 3V up to 5.25V.

Ordering Information

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Temp Range</th>
<th>Package</th>
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<tbody>
<tr>
<td>E520.14</td>
<td>-40°C to +125°C</td>
<td>QFN32L5</td>
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</tbody>
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Typical Application Circuit