

Automotive Communications

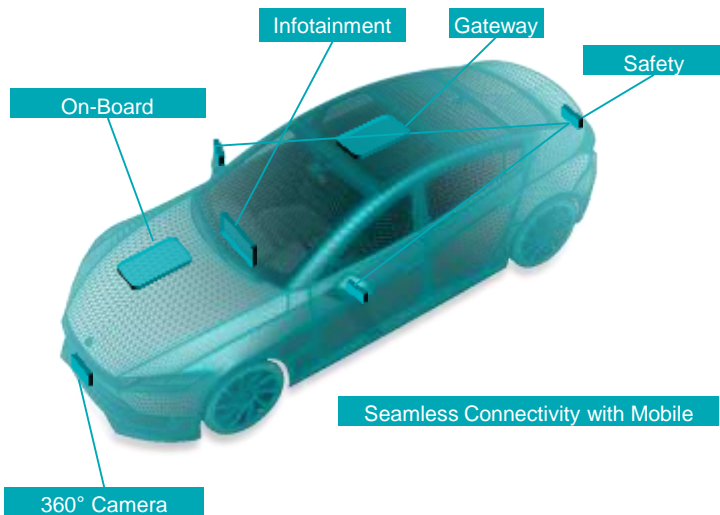
Pulse Electronics 1000Base-T1 Automotive Ethernet Common Mode Choke



Pulse releases the AE5002 1000Base-T1 common mode choke for automotive Ethernet applications. In addition to the 1000Base-T1 Pulse is in process of releasing the 100Base-T1 Power over Data Lines (PoDL) AE3003/AE3005/AE3006. Pulse's parts are designed to operate from -40C up to +125C, have high reliability, high volume manufacturing, long term manufacturing support, and meet AEC-Q200 requirements.

Features and Benefits:

- Designed to meet IEEE 802.3bw
- Qualified at Marvell, Broadcom, Valens
- Meets AEC-Q200 requirements
- IATF 16949:2016 Factory
- Operating Temp. from -40C up to +125C
- PPAP Documentation Available



SINGLE TWISTED PAIR TECHNOLOGY:

- **AE5002 1000BASE-T1 CMC – Production Released**
- **AE2002 100BASE-T1 CMC – Production Released**
- AE3003 100BASE-T1 300mA PoDL CMC - Launching in Q4 2018
- AE3005 100BASE-T1 350mA PoDL CMC - Launching in Q4 2018
- AE3006 100BASE-T1 475mA PoDL CMC - Launching in Q4 2018

Applications:

Infotainment, Advanced Driver Assist Systems (ADAS) Body Control, Camera/Radar, Gateways, Backbone Diagnostics



AE5002 – 1000Base-T1