**Electric Roll Stabilizer**

**Description**
- Electric roll stabilizer (actuator) for 12 V and 48 V architecture
- Design comprising electric motor, ECU, multi-stage planetary transmission, torque sensor and elastomer decoupling device
- Mounting on front axle and rear axle or only on rear axle

**Advantages**
- Resolution of the conflict between the objectives of maximum comfort and maximum driving safety/driving stability
- Minimization of the vehicle body roll angle in cornering
- Variable distribution of wheel load between the wheels on the inside and outside of the corner
- Reduction in CO₂ emissions in comparison with hydraulic systems
- Reduced mounting work in comparison with hydraulic systems

**Advantages of 48 V architecture**
- Reduction in current values
  → Reduced power losses
  → Reduction in EMC issues