Modular Zone Controller Platform

Automotive-grade hardware for software-defined vehicles

Pre-validated, modular building blocks for high design scalability

Configurable to the strictest OEM zone controller requirements

Available off-the-shelf or as a reference development kit

Samples: 2025
Production: 2027

MCU			
Power supply	2x	Power
eFuse (HSS + i2T)	8x	Vehicle Harness Connector (High Current)
High-side switch / Low-side switch	46x	
Motor and actuator drivers	9x	
CAN-FD interface	20x	Vehicle Harness Connector (Universal)
LIN interface	16x	
FlexRay interface	1x	
PSi5 interface	2x	
Zone-specific IO GPIO/ADC/DAC/SENT	73x	
Parking sensor inputs	4x	
ETH - 10M BASE-T1	2x	
ETH - 100M BASE-T1	2x	100M
ETH – 1G BASE-T1	2x	1G
ETH – 2.5G/5G/10G BASE-T1 (Optional)	1x	2.5G / 5G / 10G

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