

eSys-SVC4

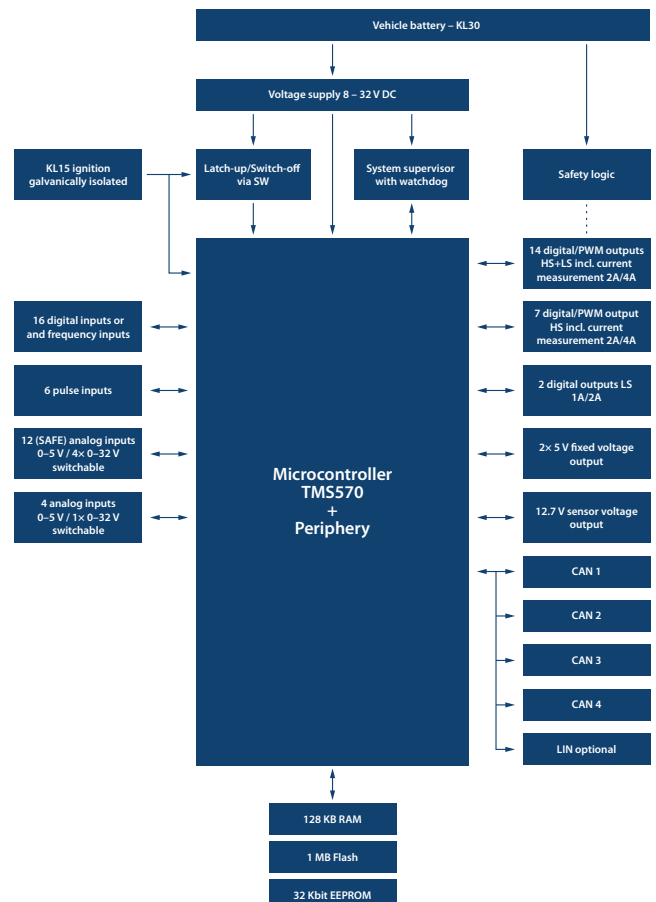
Robust and high performance ASIL-C ECU





Key Features

Block Diagram



Technical Data

CPU	
CPU	32-bit microcontroller dual-core, 160 MHz
RAM	128 kB internal
Memory	1 MB internal
Interfaces & Inputs/Outputs	
CAN	4× CAN interface accord. to ISO 11898 and CAN 2.0 B
LIN	1× optional
Analog inputs, Pulldown 0–5 V and 0–32 V	16× (12× SAFE); 0–5 V and 0–32 V
Digital inputs or RPM inputs	16× (1× SAFE)
Pulse inputs	6×
PWM/HSS/LSS outputs	14× current range highside 0 to 4.0 A, pulse frequency 0; 50 to 500 Hz 14× current range lowside 0 bis 4.0 A
Digital power amplifier	7× current range highside, max. 4.0 A 2× current range lowside, max. 2.0 A
Fixed voltage output	2× 5 V, stabilized supply voltage, short-circuit proof
Sensor voltage output	1× 12.7 V (optional)
Housing	
Plug	154-pin connector
Housing	IP68 (opt. IP6K9K), die-cast aluminium
Dimensions (l×w×h)	approx. 229 mm × 228 mm × 34 mm
Operating temperature	–40 °C to +85 °C housing temperature
Storage temperature	–40 °C to +90 °C housing temperature
Supply Voltage	
Supply voltage	8–32 V (12 V or 24 V board version)
Power consumption	Quiescent current approx. 3 mA at 28.5 V, total current up to 80 A





Mobile Automation



Industrial Automation



Diagnostics



Connectivity

We are looking forward to your enquiry!

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