

# EPCOS Components for Powertrain Applications

Overview															
	Air flow sensors	Battery control units	ECU		Injection systems	Electronic motor drives (fuel pump, fan, water pump, compressor)	Fan control units	Fuel pumps, diesel filters	NOx reduction	Pressure measurement (diesel particle filter, exhaust gases, fuel supply)	Starter generators	StartStopp systems	Temperature measurement (ambient, engine, oil, fuel tank, exhaust gases)	Transmission control units	Water pumps
			Diesel engine control units	Gasoline engine control units											
<b>Aluminum electrolytic capacitors</b>															
Axial-lead			•	•		•	•	•			•	•		•	•
Large-size			•	•										•	
Single-ended			•	•		•	•	•				•		•	•
<b>Ceramic transient voltage suppressors (CTVS) – MLVs</b>															
Automotive series		•	•	•	•	•	•	•		•	•	•	•	•	•
Controlled-capacitance series			•	•										•	
High-speed series		•	•	•						•	•	•		•	•
<b>Film capacitors (medium power)</b>															
MKT			•	•		•	•				•	•			•
<b>Inductors</b>															
CAN-/ FlexRay bus chokes		•	•	•			•	•		•	•	•		•	•
E core chokes			•	•								•		•	
Power inductors		•	•	•	•						•	•		•	
SIMID 0603 ... 2220		•	•	•		•	•	•		•	•	•		•	•
<b>NTC thermistors</b>															
Glass-encapsulated NTCs	•	•				•		•	•		•	•	•		•
Leaded NTCs	•	•	•	•		•	•	•	•		•	•	•		•
SMD NTCs		•	•	•	•	•	•	•	•		•	•	•	•	•
Temperature probes		•											•		
<b>Piezo components</b>															
Multilayer actuators					•										
<b>Pressure sensors</b>															
Pressure die C32, 1.65 × 1.65 mm	•		•	•				•		•					
Pressure die C33, 1 × 1 mm	•		•	•						•					
Pressure die C38, 1.65 × 1.65 mm	•		•	•						•				•	
<b>PTC thermistors</b>															
Heating elements								•	•						
<b>Transformers</b>															
EHR series		•	•	•											
ERU series			•	•		•								•	
<b>Varistors</b>															
S07 ... S20 AUTO (D1)			•	•		•								•	