

EPCOS Components for e-Mobility Applications

Overview											
	Battery disconnect unit (BDU)	Battery management systems	Boost converters	Car and battery climatization	Charging piles	DC/DC converters	Electrical motors	Lithium ion battery – cell management	Motor inverters	On-board chargers	Wall chargers
Aluminum electrolytic capacitors											
Axial-lead, soldering star			•			•			•		
Large-size										•	•
Ceramic transient voltage suppressors (CTVS)											
Automotive series		•				•		•		•	
EMC filters											
EMC input filters				•		•			•	•	
Ferrites											
E, ELP cores		•	•			•		•		•	•
PM, PQ cores		•	•			•		•		•	•
Quader cores			•		•	•					
Ring cores						•			•		
RM, RM LP cores		•	•			•		•		•	•
Film capacitors (medium power)											
MMKP						•			•	•	•
MKP			•	•		•			•	•	•
MKT			•	•		•	•		•	•	•
X1 MKP, Y1 MKP			•	•		•	•		•	•	•
X2 MKP, Y2 MKP			•	•		•	•		•	•	•
High-voltage contactors (HVC)											
HVC200, HVC300, HVC500	•	•			•						
Inductors											
CAN-/ FlexRay bus chokes		•		•		•		•	•	•	
Power inductors		•		•	•	•				•	•
SIMID 0603 ... 2220		•		•		•					
Powerline chokes, common-mode (ring core)					•						

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Power capacitors											
Power capacitor chips (PCC LP)						•			•	•	
Surge arresters											
EHV series										•	•
Thermistors NTC											
Glass-encapsulated NTCs		•	•	•		•		•	•	•	•
Inrush current limiters										•	•
Leaded NTCs		•	•	•		•		•	•	•	•
SMD NTCs		•	•	•	•	•	•	•	•	•	•
Temperature probes		•	•	•		•	•	•	•	•	•
Thermistors PTC											
Inrush current limiters		•	•			•			•	•	•
SMD PTCs		•				•		•			
Heating elements				•							
Transformers											
Current-sense transformers		•			•	•			•	•	
Boost chokes for 48 V						•					
Power chokes					•	•				•	
Power transformers						•				•	
Varistors											
ThermoFuse T14, T20, ETFV25					•						•
EnergetiQ series Q14, Q20					•						•
Leaded disk varistors S14, S20										•	•
Non flammable varistors SNF14										•	
CU varistors			•			•				•	
Strap varistors, LS40 ... LS41					•						