

# Magnetic Components For EVs & OBC Application



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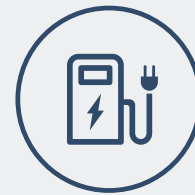
### EVs

- OBC
- DC / DC Converter
- Motor Driver
- Air Conditioner
- Heater Unit



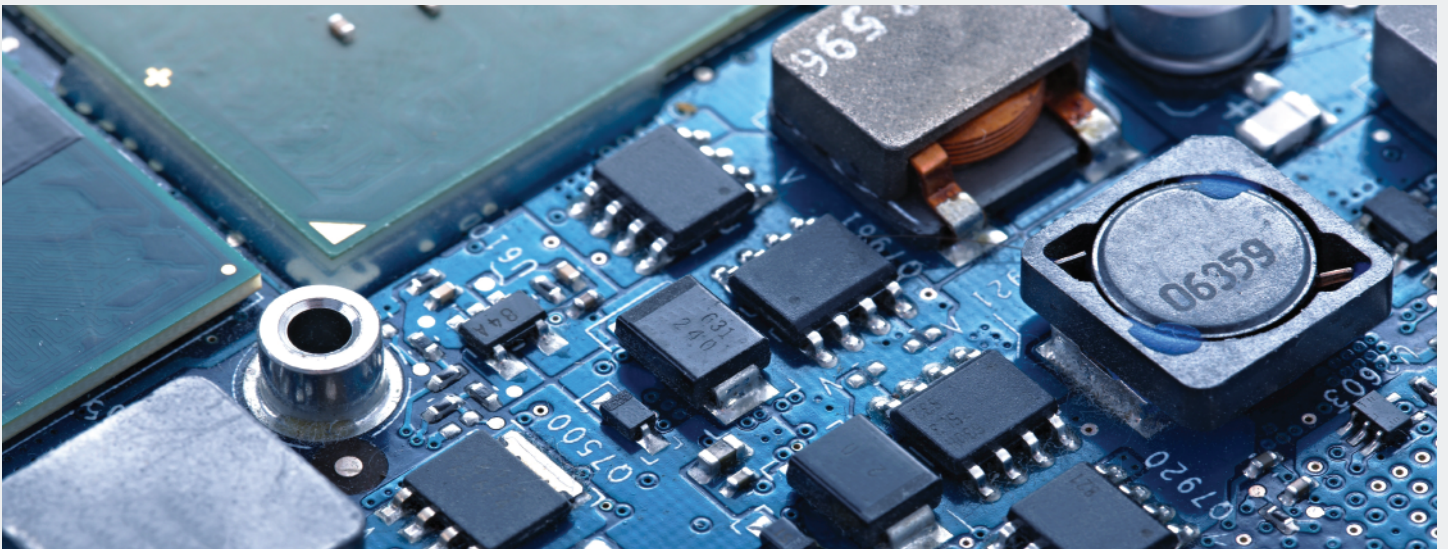
### OBC

- LPA0003-50
- LEQ3920A-102L
- LPQ2630A-143J



### Charging Pilot

- LTC0388-50
- LTC0389-50
- LPA0001-50



## Magnetic Components Future Series for EVs and 5G Application

Electric Vehicles(EV) are increasingly becoming a part of power life; its brings tremendous businss opportunity. The magnetic components are cruial parts of power conversion for EVs application.

## Ordering Overview For Magnetic Components

	Product	Feature	Electrial Characteristic	Dimension
	LTC0388-50	RoHS Compliant Operating Temperature -40° C to +105° C Meet the quality standards of AEC-Q200 2MHz to 30MHz bandwidth PL : TX : RX = 1:1:1	OCL = 10uH Min. Leakage = 70nH Max. DCR = 80mohm Max. 500V of isolation	L*W*Ht = 9.2*7.8*8.0
	LTC0389-50	RoHS Compliant Operating Temperature -40° C to +105° C Meet the quality standards of AEC-Q200 2MHz to 30MHz bandwidth PL : TX/RX = 1:1	OCL = 10uH Min. Leakage = 70nH Max. DCR = 80mohm Max. 500V of isolation	L*W*Ht = 9.2*7.8*8.0
	LPA0001-50	Automotive AC to DC applications RoHS Compliant Operating Temperature -40° C to +125° C Meet the quality standards of AEC-Q200	Vin = 400V/100kHz Output = 48V/22.5A Inductance = 25uH Leakage Inductance = 1.5uH Max. Turn Ratio (Pri: Sec) = 2: 1 Insulation (Pri-Sec) = 3000Vac	L*W*H (mm) = 36.5*27*38.2
	LPA0003-50	RoHS Compliant Operating Temperature -40° C to +125° C Meet the quality standards of AEC-Q200 Pri. : Sec. = 13:2	OCL = 1.15mH Min. Leakage = 2.5uH Max. Output voltage 48V/40A 3000V of Isolation	L*W*H = 62*53*35
	LEQ3920A-102L	RoHS Compliant Operating Temperature -40° C to +105° C Meet the quality standards of AEC-Q200	OCL = 1.0uH Max. Current 40A 500V of Isolation	L*W*H = 42*19*39
	LPQ2630A-143J	RoHS Compliant Operating Temperature -40° C to +125° C Meet the quality standards of AEC-Q200	OCL = 14uH Max. Current 10A 1000V of Isolation	L*W*H = 43*27*30

Online Inquiry:  
<https://www.linkcom.com.tw/inquiry.php>