

Magnetic Components For EVs & OBC Application

LinkCom
LinkCom Manufacturing Co., Ltd

+886-2-8919-1380

www.linkcom.com.tw

5F., No. 127, Ln. 235, Baoqiao Rd., Xindian Dist., New Taipei City 231, Taiwan



Magnetic Components For EVs & OBC Application



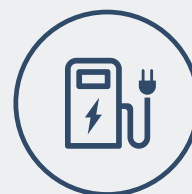
EVs

OBC
DC / DC Converter
Motor Driver
Air Conditioner
Heater Unit



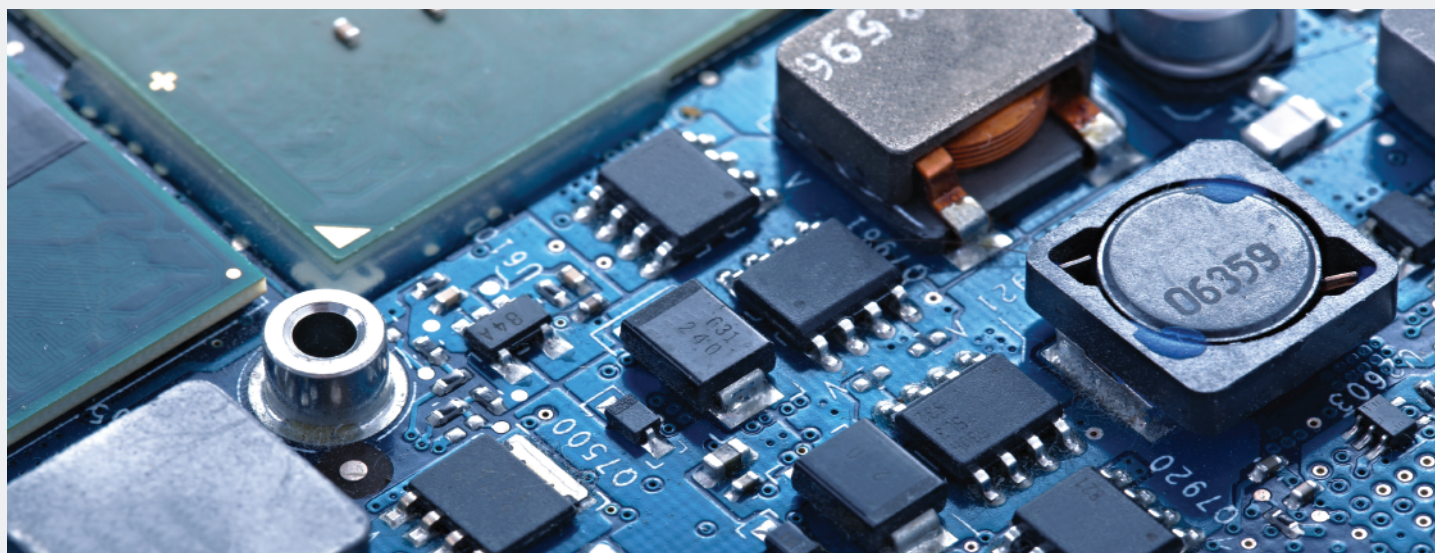
OBC

LPA0003-50
LEQ3920A-102L
LPQ2630A-143J



Charging Pilot

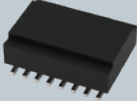
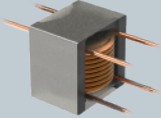
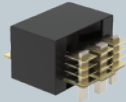
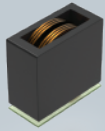
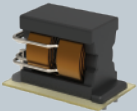
LTC0388-50
LTC0389-50
LPA0001-50



Magnetic Components Future Series for EVs and 5G Application

Electric Vehicles(EV) are increasingly becoming a part of power life; its brings tremendous business 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