

Part No: UKIT-007AE



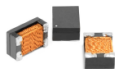
# Automotive Networking Designer Kit

**Pulse Electronics Chokes and Isolation Transformers**  
for the latest in-car Ethernet Communication Networks. Pulse components are used in multiple applications including ADAS, Infotainment, Safety and Telemetry systems.

These products are approved by the leading IC Vendors, operate over a wide temperature range, and are AEC-Q200 qualified.



**APPROVED SILICON VENDORS : BROADCOM - MARVEL - NXP - AQUANTIA - MICROCHIP**



### Parts Lists: UKIT-007AE

PART No.	No. of Parts Per Kit	Description	Hi-Pot Isolation	Package Size (mm) (L x W x H)	Operation Range	Approved IC
<a href="#">HM0068ANL</a>	5	100BASE-TX	1500Vrms	12.7 x 9.40 x 5.97	-40 - 105°C	Marvel/Microchip
<a href="#">HM1188NL</a>	5	100BASE-TX	1500Vrms	12.7 x 9.40 x 2.10	-40 - 105°C	Marvel/Microchip
<a href="#">HM1225NL</a>	5	MOST	1500Vrms	12.7 x 9.40 x 5.97	-40 - 95°C	Marvel/Microchip
<a href="#">HM1234FNL</a>	4	100BASE-TX	1500Vrms	28. x 15.2 x 7.62	-40 - 105°C	Marvel/Microchip
<a href="#">HM5004EFNL</a>	5	1000BASE-T	1500Vrms	14.7 x 14.9 x 3.45	-40 - 105°C	Marvel/Microchip
<a href="#">HM5149NL</a>	5	1000BASE-T	1500Vrms	8.37 x 9.27 x 6.73	-40 - 105°C	Marvel/Microchip
<a href="#">HM6098FNL</a>	5	1000BASE-T	1500Vrms	14.8 x 14.7 x 4.88	-40 - 105°C	Marvel/Microchip
<a href="#">TM8116NL</a>	5	CAN CMC	500Vdc	9.52 x 6.2 x 3.72	-40 - 105°C	ST/AD/Microchip
<a href="#">PE-1206CCMC222STS</a>	10	CAN-FD CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125°C	ST/AD/Microchip
<a href="#">PE-1812ACC101STS</a>	10	CAN-FD CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125°C	ST/AD/Microchip
<a href="#">PE-1812ACC510STS</a>	20	CAN CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125°C	ST/AD/Microchip
<a href="#">AE2002</a>	20	100BASE-T1 CMC	125Vdc	1812 (4.5x3.2x3.0)	-40 - 125°C	BCM/NXP
<a href="#">AE3003</a>	20	100BASE-T1 PoDL CMC	125Vdc	2511 (6.5x4.5x2.6)	-40 - 125°C	BCM/NXP
<a href="#">AE5002</a>	20	1000BASE-T1 CMC	125Vdc	1812 (4.5x3.2x3.0)	-40 - 125°C	Marvel/Aquantia



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