

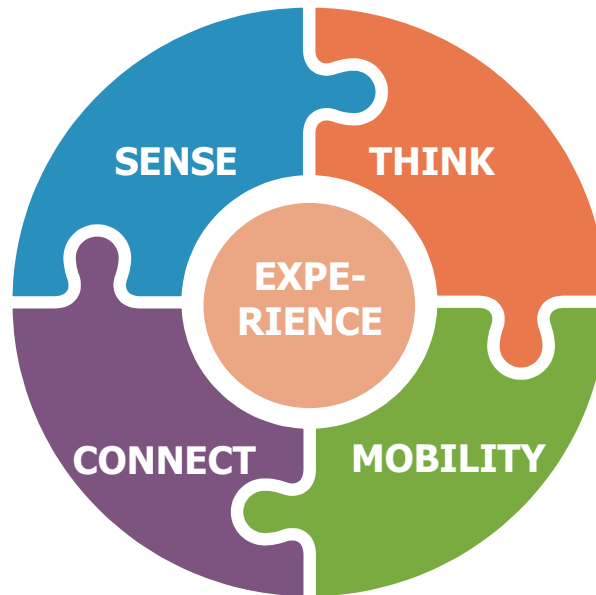
Innovation for Automotive

EVERYTHING AWARE

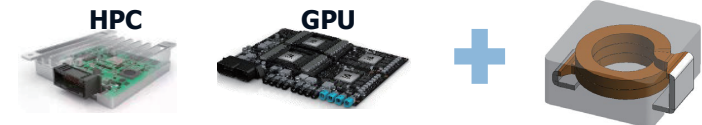


PN	Value (uH)	Dimensions (Max.)	DCR (mOhm)	Idc (A)	Isat (A)	Max. Operating Temp (°C)
			Typ.	Typ.	Typ.	
VCTD20161B-R33MS6	0.33	2.2*1.8*1.2	15.2	6.1	7.6	165
VCTD20161B-R47MS6	0.47		18.3	5.9	6	
VCTB16081T-R47MS6	0.47	1.8*1.0*1.0	56	2.2	3.3	125
VCTB16081T-1R0MS2	1.0		142	1.3	2.0	

- Smallest package size in auto-market (16081T)
- Suitable for PMIC of ADAS sensor module & SOC



EVERYTHING SMART



PN	Value (uH)	Dimensions (Max.)	DCR (mOhm)	Idc (A)	Isat (A)	Max. Operating Temp (°C)
			Typ.	Typ.	Typ.	
VCHW084T-R10MS5	0.1	9.0*8.3*4.0	0.5	61.4	64	155
VCHW084T-R22MS5	0.22		0.58	55	58	
VCHW084T-R33MS5	0.33	5.8*5.45*3.0	1.0	41	40	155
VCHW053T-50NMS5	0.05		0.7	37	64	
VCHW053T-70NMS5	0.07		0.7	37	50	
VCHW053T-R10MS5	0.1		0.8	34	32	

- Low inductance (50N~R22) & high Isat (>30A)
- Suitable for AD domain controller & GPU

EVERYTHING CONNECTED



Protocol	PN	CML (uH)	DCR (mOhm)	Idc (mA)	Insulation Resistance (Mohm)	Rated Voltage (V)
CAN-FD Class III	VFC3225-101CB	51	3	115	80	10
	VFC3225-510CB	100	3	115	80	10
	VFC3225-131CB	131	3.5	115	80	10
Ethernet 10 base-T1	VFC3225-131	131	3.5	115	80	10
Ethernet 100base-T1	VFE3225-201	200	5.5	70	80	10
Ethernet 1000base-T1	VFE3225-800NB	80	2.4	70	80	10
	A2B/C2B	VFC3225-101	100	2	150	80

- Down sizing (4532)
- Lead frame type for robust structure
- Apply to high speed Ethernet & A2B

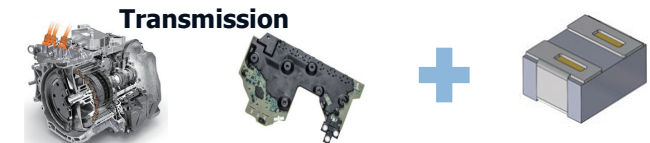
EVERYTHING IMMERSIVE



Audio Choke	Vendor	THD+N <0.1%	Irms	Thermal Stability	Package Size	For 2MHz	< 4*4 mm Solution
		Cyntec	○	○	○	○	○
	S社	○	△	△	△	x	x

- Dual & single choke design
- Adapt for class D amp., AVAS, RNC
- Recommended by NXP, TI, ST

EVERYTHING EFFICIENT



P/N	L(uH)	Dimensions (mm)	DCR (mOhm)	Isat (A)	Max. Operating Temperature (°C)
			Typ.	Typ.	
128T-R33	0.33	12.5*12.5*8.0	0.47	84.5	180
128T-R68	0.68		0.63	71	
128T-1R0	1		0.79	57.5	
128T-1R5	1.5		1.26	50	
128T-2R2	2.2		2.02	46	
128T-3R3	3.3		2.85	37	
128T-4R7	4.7		3.76	27	

- Large rated current(>50 A) & Lowest DCR
 - Thermal stability(>160 C)
 - Anti-vibration ability (>30G)
 - Adapt in powertrain system (EPS, TCU, Engine, BLDC...)
- *Under development