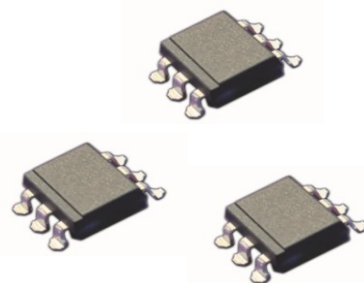


High Speed S08 Optocouplers



	LTV-0701	LTV-0601	LTV-0501
Package	S08	S08	S08
Speed	100 KBd	10 MBd	1 MBd
CMR	10 KV/uS	10 KV/uS	1 KV/uS
VISO	3,750 V	3,750 V	3,750 V
CTR	2,000 % (Typ)	-	~25 % (Typ)
Vdd	5 V	5 V	5 V

Applications	Digital logic ground isolation Low input current line receiver EIA RS-232C line receiver Telephone ring detector High common mode noise line receiver Current loop receiver	Isolation in line receiver Ground loop elimination Feedback element in SMPS Power transistor isolation in motor drives Interface between microprocessor system, computer & peripheral Pulse transformer replacement High speed logic ground isolation TTL/TTL, TTL/CMOS, TTL/LSTTL	High voltage isolation Isolation in line receiver Feedback element in SMPS Power transistor isolation in motor drives Interface between microprocessor system, computer & peripheral Pulse transformer replacement Slower optocoupler isolators replacement
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Features

For High Speed application from 100KBd to 10MBd
Low profile S08 package

Lead time

8 weeks

Safety Certifications

UL & VDE approved

Specifications

Available upon request

