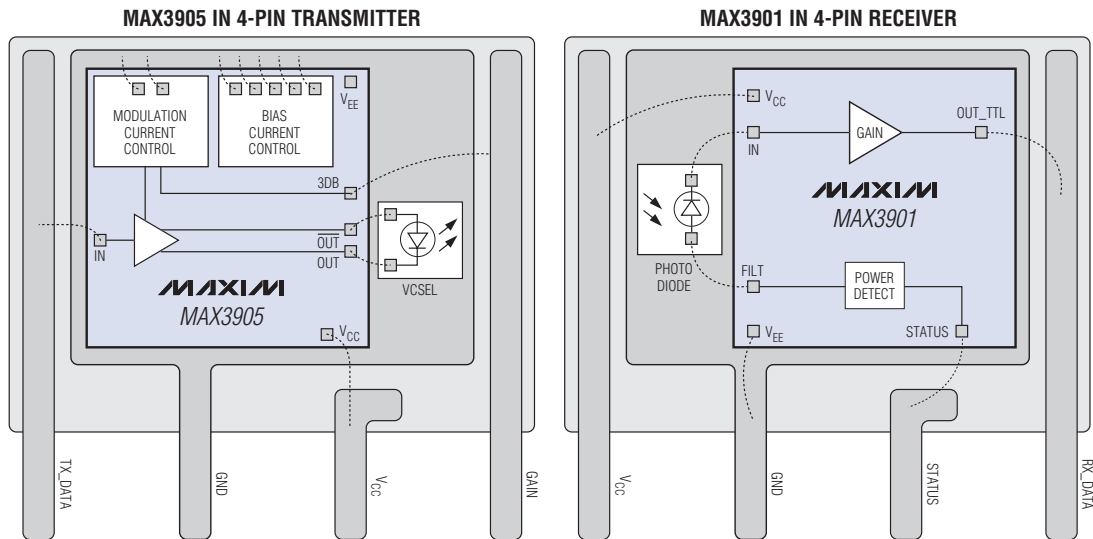


50Mbps TO 150Mbps FIBER OPTIC CHIPSET OPERATES AT +140°C

Ideal for High-Temperature Applications in Automotive and Industrial Environments

NO EXTERNAL PASSIVES REQUIRED!



VCSEL Driver (MAX3905)

- ◆ -40°C to +140°C Operating Temperature
- ◆ +3.3V or +5.0V Supply Voltage
- ◆ TTL/CMOS, LVDS, or PECL Input
- ◆ Wirebond-Adjustable VCSEL Current
- ◆ Output Squelch

High-Gain Receivers (MAX3901/MAX3902)

- ◆ -40°C to +140°C Operating Temperature
- ◆ +5.0V (MAX3901 only) or +3.3V Supply Voltage
- ◆ 1.2µA Input Sensitivity
- ◆ 1mA Input Overload
- ◆ Power-Reducing Standby Mode

Part	Function	Supply Voltage (V)	Data Rate (Mbps)	Interface
MAX3901E/D	Receiver	+3.3 or +5.0	50	TTL/CMOS
MAX3902E/D	Receiver	+3.3	40 to 150	LVDS, PECL
MAX3905E/D	Driver	+3.3 or +5.0	0 to 150	TTL/CMOS, LVDS, PECL



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