

Description

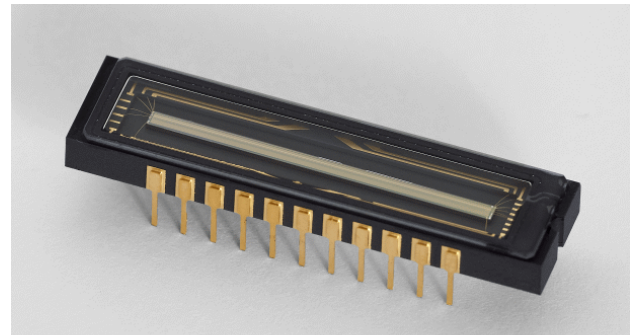
ITR-554 is a high performance CMOS linear image sensor with 2048 pixels. The ITR-554 can be used as a socket-compatible replacement for the Sony ILX554B CCD linear sensor. Advanced CMOS technology is used to emulate the signal level scheme of the ILX554B ensuring both signal level and pin compatibility. In comparison with sensors based on CCD technology, the ITR-554 offers better or equal performance. The ITR-554 requires a single 5V power supply.

Features

- CMOS image sensor to replace former CCD
- 2048 active pixels aligned as in the former CCD
- 14µm x 56µm pixels for optical compatibility
- Single 5 volt supply - no higher voltages needed
- Emulates signals used with the former CCD
- Output signal compatible with existing readout circuits
- Supports clock rates in excess of 2 MHz
- Available with temporary window for UV applications
- Ceramic package and gold-plated pins
- High red and near-infrared response with low ripple

Pinout Configuration

The pinout on the ITR-554 is identical to that of the ILX554B with the exception that pins for unneeded supply voltages are not connected..



ITR-554-SW

