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NO RECOMMENDED REPLACEMENT**  
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### 14-Channel Static TFT LCD Reference Voltage Generator with 1-Channel V<sub>COM</sub>

The ISL24002 is a 14-Channel static reference voltage generator with a 1-Channel V<sub>COM</sub> buffer.

The ISL24002 is available in a 32 Ld thermally enhanced TQFN package. It is specified for operation over the -40°C to +85°C industrial temperature range.

### Ordering Information

PART NUMBER (Note)	PART MARKING	TEMP. RANGE (°C)	PACKAGE (Pb-Free)	PKG. DWG. #
ISL24002IRTZ*	ISL240 02IRTZ	-40 to +85	32 LD TQFN	L32.5x5C

\*Add "-T13" suffix for tape and reel. Please refer to TB347 for details on reel specifications.

NOTE: These Intersil Pb-free plastic packaged products employ special Pb-free material sets, molding compounds/die attach materials, and 100% matte tin plate plus anneal (e3 termination finish, which is RoHS compliant and compatible with both SnPb and Pb-free soldering operations). Intersil Pb-free products are MSL classified at Pb-free peak reflow temperatures that meet or exceed the Pb-free requirements of IPC/JEDEC J STD-020.

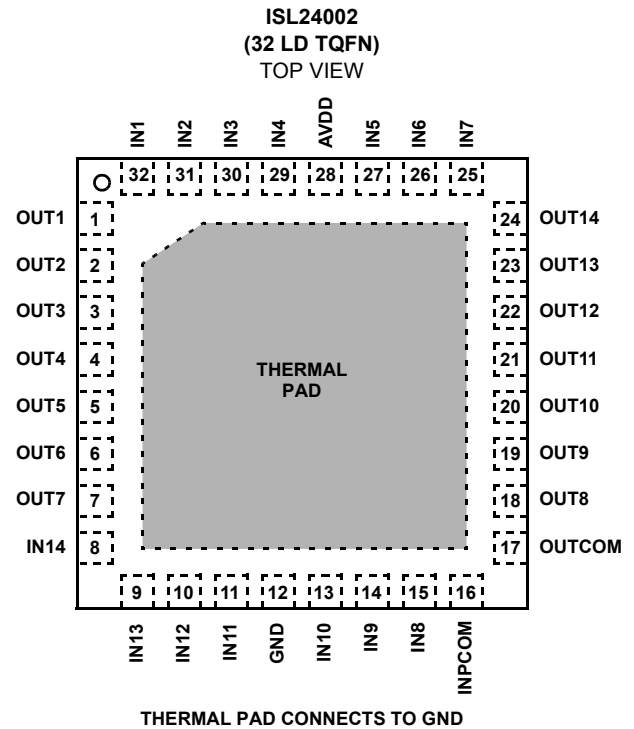
### Features

- 18V Output Range
- Rail-to-Rail Input/Output Voltage Range
- 14-Input Channels
- 14-Output Channels Each with 30mA Peak Output Current
- 1-Channel V<sub>COM</sub> with 100mA Peak Output Current
- 32 Ld TQFN Package
- Pb-Free (RoHS Compliant)

### Applications

- TFT-LCD Panels

### Pinout



All Intersil U.S. products are manufactured, assembled and tested utilizing ISO9001 quality systems.  
Intersil Corporation's quality certifications can be viewed at [www.intersil.com/design/quality](http://www.intersil.com/design/quality)

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