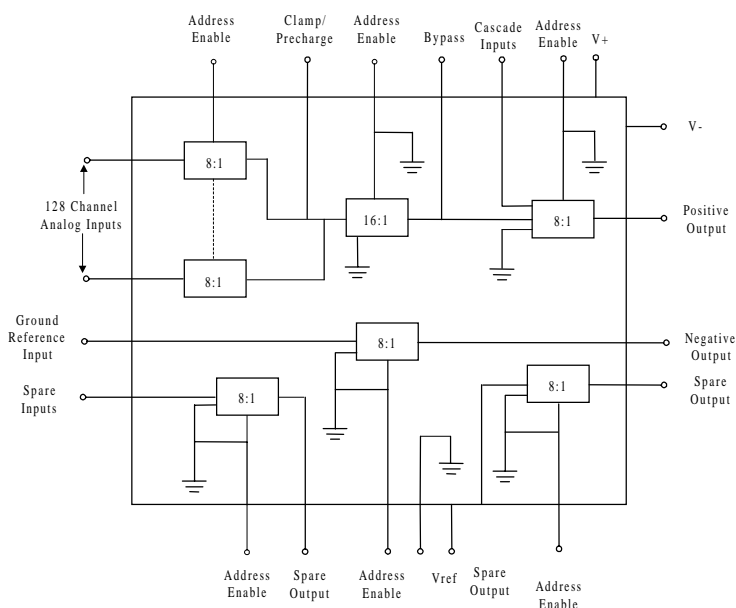
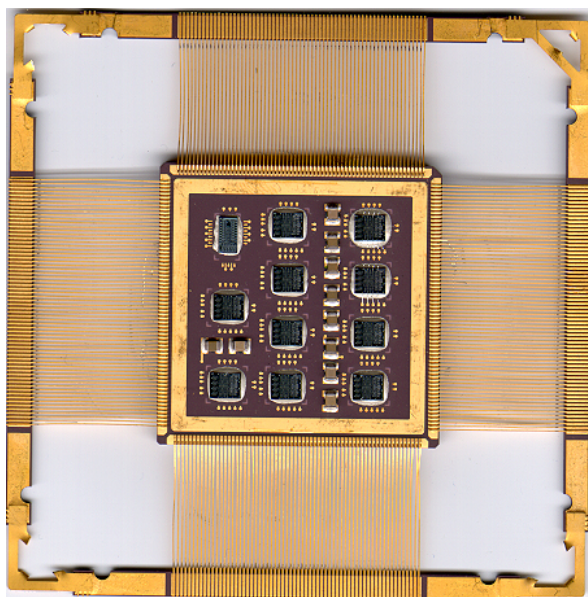




# New Product Release

## 64/128 Channel Analog Multiplexer



### Features

- 128 Channel Multiplexer, MCM
- Over-voltage and fault protected
- No Single Event Latchup (SEL)
- High "OFF" isolation (68 dB typical @ 100 kHz)
- Replaces eight industry standard 1840RH, 16:1 analog multiplexers
- Total dose hardness dependent upon orbit
- Package: 256 pin Rad-Pak® quad flat pack
- Available as Radiation Enhanced (RE) or Radiation Hardened (RH) versions

### Description

The SEI18280RP and SEI1840RH are 64 and 128 channel, analog MCM multiplexers that connect a single output to one of the 64 or 128 input channels depending on the state of a 7-bit binary address. These devices offer low constant "ON" resistance and do not suffer from latchup or static discharge blow-out. The digital inputs are designed to operate from both TTL and CMOS levels, without the need for pull-up resistors. This device is fault protected and provides high isolation during power out (typically 68 db @ 100 kHz).

Space Electronics' 18280RP and 81840RH high-performance, 64 and 128 channel multiplexers feature a typical 100 Krad (Si) total dose tolerance for the 18280RP and 300 Krad to 1 Mrad for the 81840RH. The devices are intended for use in the environments encountered by high reliability spacecraft applications. The patented radiation-hardened Rad-Pak® technology incorporates radiation shielding in the microcircuit package. Capable of surviving in space environments, the 18280RP and 81840RH are ideal for satellite, spacecraft, and space probe missions. The devices are available with packaging and screening up to Class K.

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