

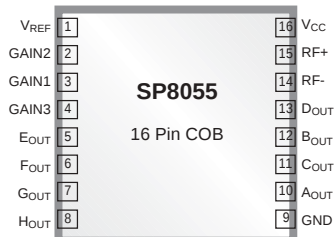
8 Channel, 140MHz Fully Integrated PDIC Receiver with 12 Gain settings

FEATURES

- Data Channel Bandwidth: 140MHz
- Twelve Selectable Gain Settings
- > 60dB PSRR
- <10mV typical offset (Gains 1-32)
- 10ns Typical Setting Time
- -68dBm Noise Level (RF Channels)

APPLICATIONS

- DVD-RW
- DVD-RAM
- CD/DVD COMBINATION DRIVES



DESCRIPTION

The SP8055 is a PDIC specifically designed for high speed DVD-RW or DVD-RAM applications. The 8-channel wide-band design enables higher speed laser optic write operation in modern CD/DVD combination drives. Low noise operation allows data recovery (read) at very low signal levels. The SP8055 has 12 gain settings to allow maximum flexibility.

ORDERING INFORMATION

Part Number	Temperature Range	Package Type
SP8055	-30°C to +80°C	16 Pin Chip-On-Board (COB)



ANALOG EXCELLENCE

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