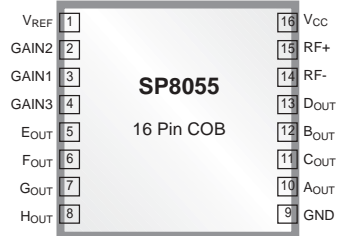


## 8 Channel, 140MHz Fully Integrated PDIC Receiver with 12 Gain settings

### 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.

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## ORDERING INFORMATION

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



ANALOG EXCELLENCE

**Sipex Corporation**

**Headquarters and  
Sales Office**  
233 South Hillview Drive  
Milpitas, CA 95035  
TEL: (408) 934-7500  
FAX: (408) 935-7600

**Sales Office**  
22 Linnell Circle  
Billerica, MA 01821  
TEL: (978) 667-8700  
FAX: (978) 670-9001  
e-mail: sales@sipex.com

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