

- Multi standard operation from 143Mb/s to 2.97Gb/s ?
- Performance optimized for 270Mb/s, 1.485Gb/s and 2.97Gb/s. Typical ? equalized length of Belden 1694A cable:
 - ? 140m at 2.97Gb/s
 - ? 200m at 1.485Gb/s
 - ? 400m at 270Mb/s
- ? Supports DVB ASI at 270Mb/s
- Manual bypass (useful for low data rates with slow rise/fall times) ?
- Programmable carrier detect with squelch threshold adjustment ?
- Automatic power down on loss of signal
- Standby power <30mW (typical) ?

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- Differential output, supports DC - coupling to 1.2V -> 3.3V CML logic
- Selectable de emphasis: 2dB, 4dB and 0/6 dB gain boost selection pin ? 6dB
- Standard EIA/JEDEC logic control and status signal levels ?
- Single 3.3V power supply operation ?
- 166mW power consumption (typical)
- 40°C to +85 °C ? Wide operating temperature range of
- ? Small footprint QFN package (4mm x 4mm)
 - ? Footprint compatible with the GS2974 and the GS2984
- ? Pb- free and RoHS compliant

Key Applications

? SMPTE 424M, SMPTE 292M and SMPTE 259M coaxial cable serial digital interfaces

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Ordering Information

Part Number	Package
GS2994 - INE3	16-pin QFN
GS2994 - INTE3	16-pin QFN Tape & Reel (250pcs)
GS2994 - INTE3Z	16-pin QFN Tape & Reel (2500pcs)
	less

BUY/SAMPLE

Order Samples Buy from Distributor

