

Triple Analog Video Delay Line

The EL9115 is a triple analog delay line that allows skew compensation between any three signals. This part is perfect for compensating for the skew introduced by a typical CAT-5 cable with differing electrical lengths on each pair.

The EL9115 can be programmed in steps of 2ns up to 62ns total delay on each channel.

Ordering Information

PART NUMBER	PACKAGE	TAPE & REEL	PKG. DWG. #
EL9115IL	20-Pin QFN	-	MDP0046
EL9115IL-T7	20-Pin QFN	7"	MDP0046
EL9115IL-T13	20-Pin QFN	13"	MDP0046
EL9115ILZ (See Note)	20-Pin QFN (Pb-Free)	-	MDP0046
EL9115ILZ-T7 (See Note)	20-Pin QFN (Pb-Free)	7"	MDP0046
EL9115ILZ-T13 (See Note)	20-Pin QFN (Pb-Free)	13"	MDP0046

NOTE: Intersil Pb-free products employ special Pb-free material sets; molding compounds/die attach materials and 100% matte tin plate termination finish, which are 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-020C.

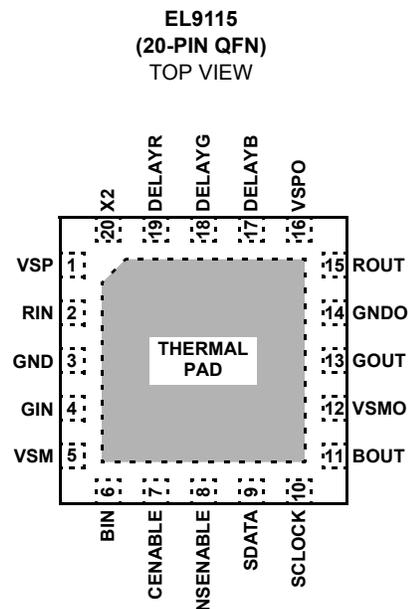
Features

- 62ns total delay
- 2ns delay step increments
- Operates from $\pm 5V$ supply
- Up to 100MHz bandwidth
- Low power consumption
- 20-pin QFN package
- Pb-free available (RoHS compliant)

Applications

- Skew control for RGB
- Analog beamforming

Pinout



EXPOSED DIEPLATE SHOULD BE CONNECTED TO -5V

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