

APPLICATION NOTE 327

DS2151, DS2153 Creating a T1/E1 Channel Service Unit

Abstract: Application Note 327 provides a logical diagram of a Channel Service Unit using the Dallas Semiconductor/Maxim DS2151 or DS2153 single chip transceivers (SCTs).

Figure 1 describes a method for building a CSU using the DS2151 or DS2153. For information on line protection see the application note "Secondary Over Voltage Protection". Also, see the application notes "Crystal Selection Guide" and "Transformer Selection Guide"

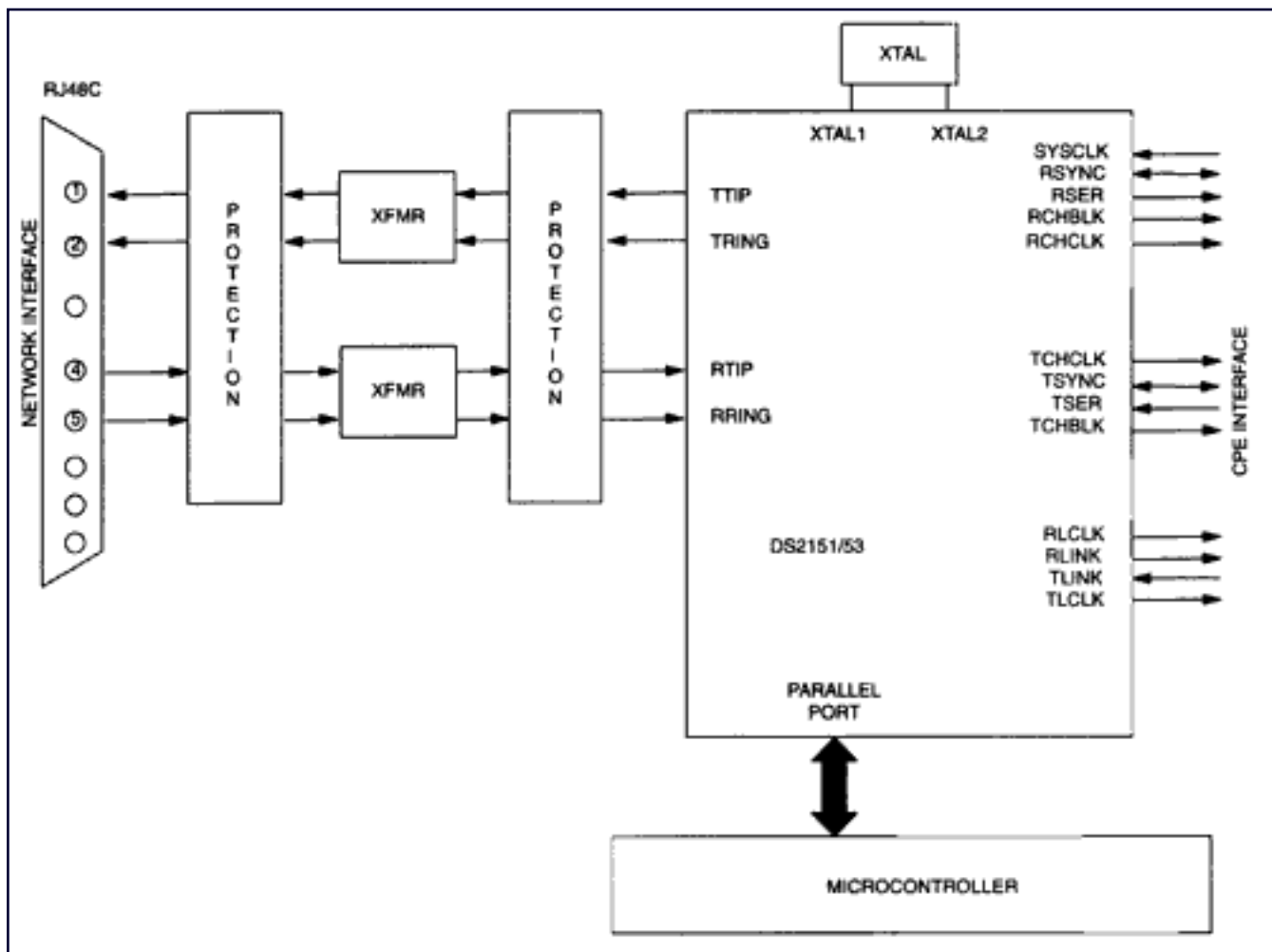


Figure 1. CSU Circuit.

Note:

Contact the factory for pre-written (T1) code for CSU functions and FDL control.

More Information

For samples: <http://www.maxim-ic.com/samples>

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