



05/14/99

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## ***Errata: CS61581 Revision H***

(Reference CS61581 Universal Line Interface Data Sheet (DS211PP7 FEB'99))

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This document is an update of the errata for revision E of the CS61581.

There are no known differences between Revision H and the referenced data sheet.

### ***Status of previous errata***

The errata for revision E referred to data sheet DS211PP7, dated FEB 99.

#### ***1. Short-Haul-Low Impedance Long Line Length Pulse Shape Issue***

- Rev E: The pulse shapes for the low-impedance E1 modes required 15 $\Omega$  resistors, while the data sheet gave a value of 9.1 $\Omega$ .
- Rev. H: The device has been modified to eliminate this requirement. The 9.1 $\Omega$  resistors can now be used for both T1 and E1 low impedance applications.

#### ***2. Transmit All Ones Select (TAOS) Issue***

- Rev. E: TCLK was required during TAOS to prevent the transmitter from going into its high impedance mode.
- Rev. H: TCLK is no longer required during TAOS.

#### ***3. Oscillator Loading Issue***

- Rev. E: The load presented to the quartz crystal did not meet the data sheet specification of 19pF.
- Rev. H: The load presented to the quartz crystal is now 19pF, as stated in the data sheet.

The device revision is the letter before the 4 digit assembly date code in the second line of the package marking.

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Inquiries regarding this errata may be directed to your local sales office, representative, or distributor. A listing of these offices may be found at <http://www.cirrus.com>

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