



1/17/2006

CP2200/1 Rev. B Errata

- On CP2200/1 Rev. A and Rev. B devices, the auto-polarity function detects, but does not correct, an inversion in the RX_{\pm} differential input. On CP2200/1 Rev. C, the auto-polarity function will detect and correct an inversion in the RX_{\pm} differential input.
- On CP2200/1 Rev. A and Rev. B devices, the device may have difficulty establishing a link under excessive network traffic. A software workaround exists that allows the device to establish a half-duplex link upon failure of multiple auto-negotiation attempts. The behavior observed when the software workaround is engaged is that it takes approximately 10–15 seconds to establish a link. Under normal circumstances, a link is established within 3–4 seconds. The software workaround is implemented in the Silicon Laboratories driver provided with the TCP/IP Stack and will not be required for Rev. C devices. Only Rev. C or later devices will be used for production orders.