



Dallas CX-4 Meeting
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Request for change
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Table 54-6 Driver Requirements

Present Specification:

- Common Mode Signal: Maximum + 1.9 V
 Minimum - 0.4 V

Proposed Changes to Specification:

- Common Mode Signal: Maximum +2.0 V
 Minimum - 2.0 V

Reason: Allow alternate implementations for Transmitter configurations

Risks: None

Table 54-6 Driver Requirements

Discussion

- Why specify V_{cm} ?
- For ESD/protection, transmitter may contain transformer or DC blocks
- V_{cm} would then be 0 volts
- This would suggest balance of specification for +/- levels