Management Parameters for 10 Mb/s Operation and Associated Power Delivery over a Single Balanced P

SC 146A.1 C/ 146 P 201 L 1 # 727 C/ 146 SC 146.9.2.1 P 134 L 36 # 730 Maguire, Valerie The Siemon Company Maguire, Valerie The Siemon Company Comment Status D Comment Type E Comment Type Ε Comment Status D Late Late IEC 60068-2-1/2/14/27/30/38/52/78 is shorthand for a series of eight Standards. A search Incomplete Standards reference. on IHS for "IEC 60068-2-1/2/14/27/30/38/52/78" yields a null return. SuggestedRemedy SuggestedRemedy Replace, "60079-11" with "IEC 60079-11" Replace, "IEC 60068-2-1/2/14/27/30/38/52/78" with "IEC 60068-2-1, IEC 60068-2-2, IEC Proposed Response Response Status W 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-38, IEC 60068-2-52, and IEC 60068-2-78" Proposed Response Response Status W C/ 147 SC 147.10.2.2 P 170 L 28 # 728 Maguire, Valerie The Siemon Company C/ 146 SC 146.9.2.2 P 134 L 49 # 731 Comment Type Comment Status D Late Maguire, Valerie The Siemon Company IEC is not part of the Normative Reference in the 802.3 main document Comment Type E Comment Status D Late SuggestedRemedy IEC 61326 is actually a family of six standards (e.g., IEC 61326-1, IEC 61326-2, etc.) Replace, "IEC CISPR 25" with "CISPR 25" SuggestedRemedy Proposed Response Response Status W Replace "IEC 61326" with whichever of the six Standards are applicable and also add the refernence(s) to clause 1.3. C/ 146 SC 146.9.2.1 P 134 L 35 # 729 Proposed Response Response Status W Maguire, Valerie The Siemon Company Comment Status D Comment Type E Late C/ 146 SC 146.9.2.2 P 134 L 49 # 732 IEC 60068-2-6/31 is shorthand for a series of two Standards. A search on IHS for "IEC Maguire, Valerie The Siemon Company 60068-2-6/31" yields a null return. Comment Type E Comment Status X Late SuggestedRemedy A search on "NE21" does not produce an identifiable Standard Replace, "IEC 60068-2-6/31" with "IEC 60068-2-6 and IEC 60068-2-31" Proposed Response SuggestedRemedy Response Status W Replace "NE21" with its correct Standard name and also add the reference to clause 1.3. Proposed Response Response Status W

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 732

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Management Parameters for 10 Mb/s Operation and Associated Power Delivery over a Single Balanced P

C/ 147 SC 147.10.2.1 P 170 L 11 # 733 C/ 147 SC 147.10.2.1 P 170 L 18 # 736 Maguire, Valerie The Siemon Company Maguire, Valerie The Siemon Company Comment Type Ε Comment Type Ε Comment Status D Comment Status D Late Late IEC 60068-2-1/2/14/27/30/38/52/78 is shorthand for a series of eight Standards. A search IEC 60068-2-1/27/30/38/52/64/78 is shorthand for a series of seven Standards. A search on IHS for "IEC 60068-2-1/2/14/27/30/38/52/78" yields a null return. on IHS for "1/27/30/38/52/64/78" yields a null return. SuggestedRemedy SuggestedRemedy Replace, "60068-2-1/27/30/38/52/64/78" with "IEC 60068-2-1, IEC 60068-2-7, IEC 60068-Replace, "IEC 60068-2-1/2/14/27/30/38/52/78" with "IEC 60068-2-1, IEC 60068-2-2, IEC 2-30, IEC 60068-2-38, IEC 60068-2-52, IEC 60068-2-64, and IEC 60068-2-78' 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-38, IEC 60068-2-52, and IEC 60068-2-78" Proposed Response Response Status W Proposed Response Response Status W C/ 147 SC 147.10.2.1 P 170 L 9 # 734 C/ 146 SC 146A.1 P 199 L 34 # 737 The Siemon Company Maguire, Valerie Maguire, Valerie The Siemon Company Comment Type E Comment Status D Late Comment Type E Comment Status D Late Date in normative reference in 8023.cj is 2008. Incomplete Standards reference. SuggestedRemedy SuggestedRemedy Replace "ISO 7637-2:2008" with "ISO 7637-2" Replace, "60079-11" with "IEC 60079-11" Proposed Response Response Status W Proposed Response Response Status W C/ 147 SC 147.10.2.1 P 170 L 17 # 735 C/ 147 SC 147.9.3 P 169 L7 # 738 Maguire, Valerie The Siemon Company Baggett, Tim Microchip Comment Type E Comment Status D Late Comment Type T Comment Status X Late IEC 60068-2-6/31 is shorthand for a series of two Standards. A search on IHS for "IEC 60068-2-6/31" yields a null return. MDI impedance limit parameters need adjustment. SuggestedRemedy As PoDL will not be used, inductance should not be required, and therefore eliminated. Replace, "IEC 60068-2-6/31" with "IEC 60068-2-6 and IEC 60068-2-31" Also, additional capacitance may be needed to filter out higher frequency noise. A LPF with Proposed Response Response Status W 3dB cutoff should be more than 125 MHz (10x the DME frequency) results in the need for 25.4pF of differential capacitance.

SuggestedRemedy

Proposed Response

Change Cnode to 25 pF (maximum)Change Ctot to 250 pF (maximum)

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general

Comment ID 738

- Remove the Inductance parameter, or reduce L (minimum) to 0.

Response Status O

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Management Parameters for 10 Mb/s Operation and Associated Power Delivery over a Single Balanced P

C/ 00 # 739 SC FM P 10 L 3 Zimmerman, George CME Consulting etal Comment Type E Comment Status D Late

Need to fill in 802.3cg and title of amendment in boxed note.

SuggestedRemedy

Change "802.3xx-20xx" to "802.3cg-20xx", and change "Amendment title (copy from PAR)" to "Physical Layer Specifications and Management Parameters for 10 Mb/s Operation and Associated Power Delivery over

a Single Balanced Pair of Conductors"

Proposed Response Response Status W

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 739

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