

1 Twisted Pair 100 [C] Mbit/s Ethernet

Call for Interest at IEEE802.3 Working Group
March 20, 2014
Beijing (P.R. China)

Thomas Hogenmüller (Robert Bosch)



Consensus Building Meeting

- Met on Tuesday evening from 21:15 to 22:00
- [Shown presentation](#) is supported by 145 individuals
 - 71 affiliated with automotive and 13 affiliated with industrial automation industry
 - 34 are 802.3 voters, 37 are affiliated with the semiconductor industry
- Presented by
 - Thomas Hogenmüller – Bosch, Car System Supplier (Chair and presenter)
 - Steffen Abbenseth – Volkswagen, Car Maker
 - Stefan Buntz – Daimler, Car Maker
 - Albert Kuo – Realtek, Semiconductor Vendor
 - Kirsten Matheus – BMW, Car Maker
 - Mehmet Tazebay – Broadcom, Semiconductor Vendor
 - Helge Zinner – Continental, Car System Supplier
- The presentation outlined why 100 Mbit/s are required in addition to 1000BASE-T1, gave an overview of use cases for both 100 Mbit/s and 1000 Mbit/s, updated the forecast for over all automotive market, and outlined the advantages of a comprehensive IEEE802 eco system.

Straw Polls

- 60 Number of people in the room

- 30 Individuals who would attend and contribute to a
1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY Study Group

- 31 Companies that support the formation of a
1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY Study Group

Straw Polls

Request that IEEE 802.3 WG form a study group to develop a PAR and 5 Criteria for a:

1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY

People in the Room

Y: 52

N: 0

A: 6

Dot 3 Voters Only

Y: 35

N: 0

A: 2

Motion

Request that IEEE 802.3 WG form a study group to develop a PAR and 5 Criteria for a:

1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY

M: Kirsten Matheus

S: Mehmet Tazebay

Procedural (> 50 %)

Yes: No: Abstain:

Next Steps

- Set up an email reflector and web page
- Weekly phone conferences till study group interim meeting starting on April 2nd
- 2-3 day Interim Meeting, May 12th till May 16th
 - PAR
 - 5 Criteria
 - Objectives