

Universal Power Adapter for Mobile Devices

IEEE P1823 UPAMD

Communications Subcommittee

Start Times:

22 February	5:00 p.m. PST	UTC-8 (0100GMT/Zulu)
22 February	8:00 p.m. EST	UTC-5
23 February	9:00 a.m. Taiwan	UTC+8
23 February	10:00 a.m. Japan	UTC+9
23 February	1:00 a.m. London	UTC+0

U.S. Dial-in Number: (866) 349-5441

List of World Wide Local Dial-in telephone numbers on [Intercal's website](#).

International (706) 643-0747(if needed)

Conference Code: 408 857 1273

Tentative Agenda

Call to Order, UPAMD Communications Subcommittee meeting - Edgar Brown 1500Z

- I. Approval of Agenda.
- II. Presentation of notes from 25 January 2011 meeting
- III. Approval of Minutes from 8 February 2011 meeting
- IV. IEEE Patent slides presented.
See <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>
- V. Support documents:
 - A. State machine representation(s) of adapter and devices
 - B. CAN-based detection proposal
- VI. ISO 11898-2 (CAN/LIN) differential physical interface limitations
 - A. Safety implications (500mA limits)
 - B. Signal inversion
- VII. Review of proposals on device detection
 - A. NEW: Differential communications-based common-mode signaling scheme.
 - B. Previously introduced:
 1. "Simple pull-up" proposal 0.1 (part of what HP does).
 2. Use of the no-load voltage positioning (proposal 3).
 3. (analog communications method #2) -- HP Smart Adapter
- VIII. Restrictions in "cost classes" of expected UPAMD adapters and devices
 - A. Naming convention
 - B. Legal connections
- IX. New Business
- X. Next communications meetings will be on Tuesday March 8 @ 7am Pacific.
- XI. Adjournment.

[IEEE P1823 UPAMD website](#).

PLEASE SEND ANY CHANGES OR ADDITIONS TO EDGAR BROWN EBROWN@AXIONBIO.COM.