



S I L I C O N L A B S

IEEE P802.3at/D0.9
Editor's Report

D. Matthew Landry

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Status

- ◆ D0.9 released on 10 August 2007
- ◆ Approved comments and remaining Editorial comments captured
 - L2 management section added 33.6
 - 4-pair power prohibition restored
- ◆ July content motions entered

Open Items for the Editor

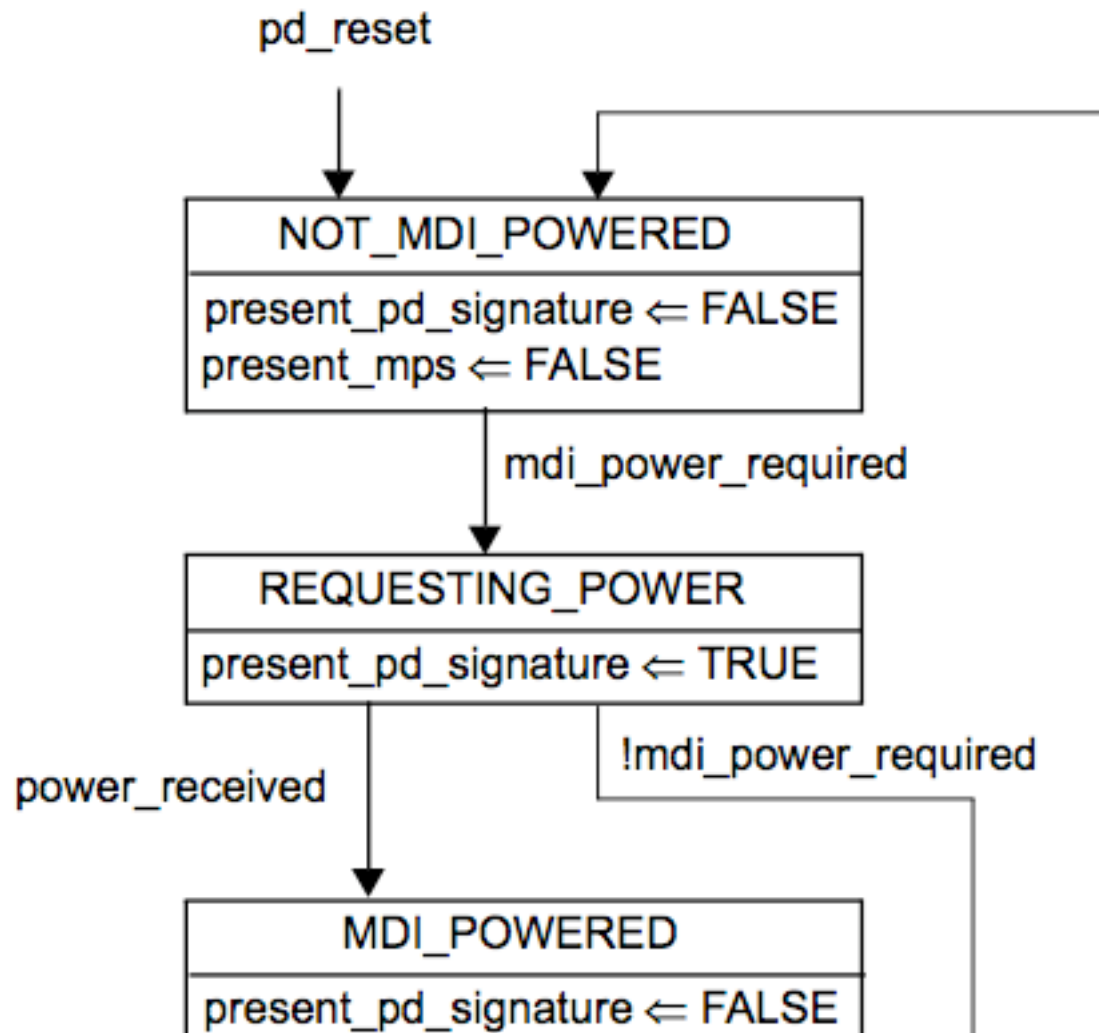
- ◆ Pending comment resolution output

What Next

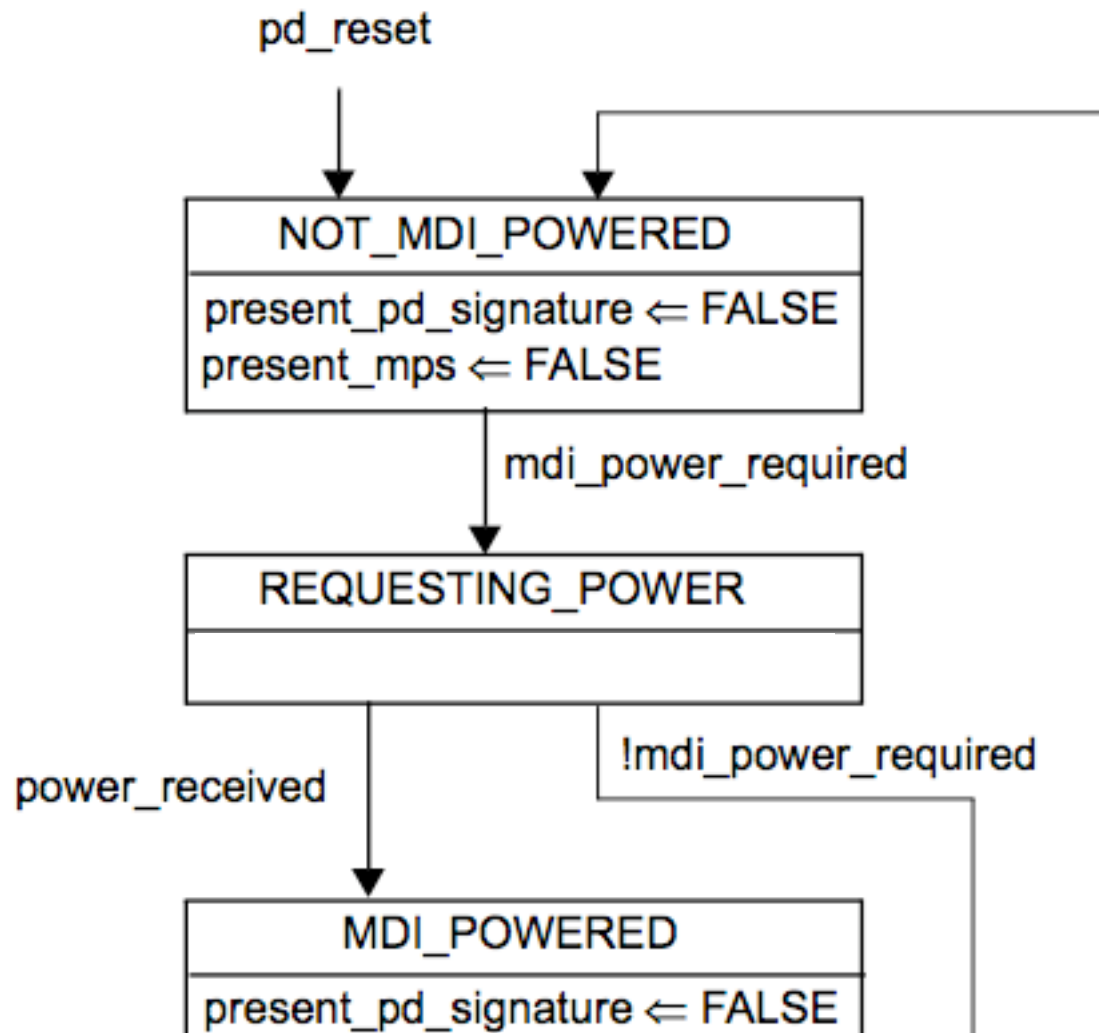
- ◆ Are we ready to move on to Working Group ballot?
- ◆ Do we have solid PSE state machines?
- ◆ Proposed PD state machine change
- ◆ Motion to define next draft and target audience



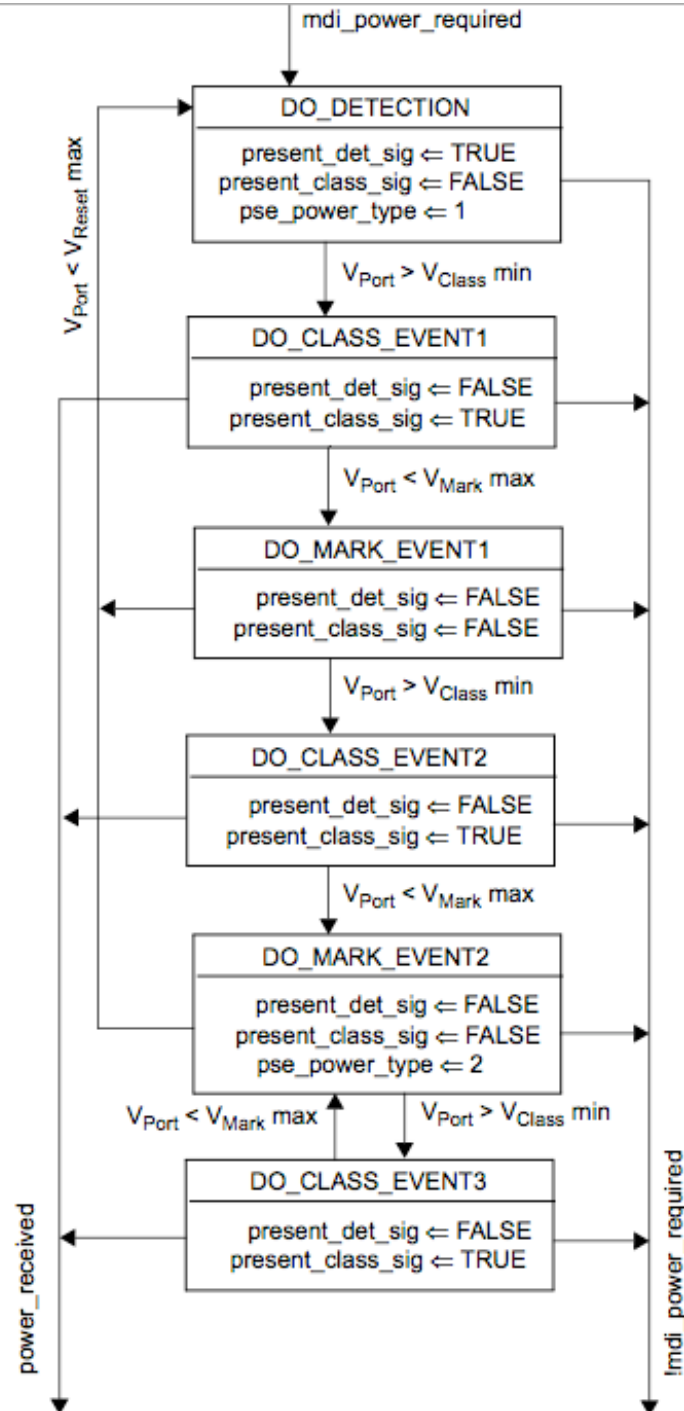
Current PD State Machine



Proposed PD State Machine



REQUESTING_POWER



New variables

present_pd_signature

~~Controls presenting the detection (see 33.3.3) and classification (see 33.3.4) signatures by the PD.~~

~~Values: FALSE: The PD detection and classification signatures are not to be applied to the link.~~

~~TRUE: The PD detection and classification signatures are to be applied to the link.~~

present_det_sig

Controls presenting the detection signature (see 33.3.3) by the PD.

Values: FALSE: A non-valid PD detection signature is to be applied to the link.

TRUE: A valid PD detection signature is to be applied to the link.

present_class_sigw

Controls presenting the classification signature (see 33.3.4) by the PD.

Values: FALSE: The PD classification signature is not to be applied to the link.

TRUE: The PD classification signature is to be applied to the link.

pse_power_type

A control variable that indicates to the PD the type of PSE by which it is being powered.

Values: 1: The PSE is a Type 1 PSE.

2: The PSE is a Type 2 PSE.