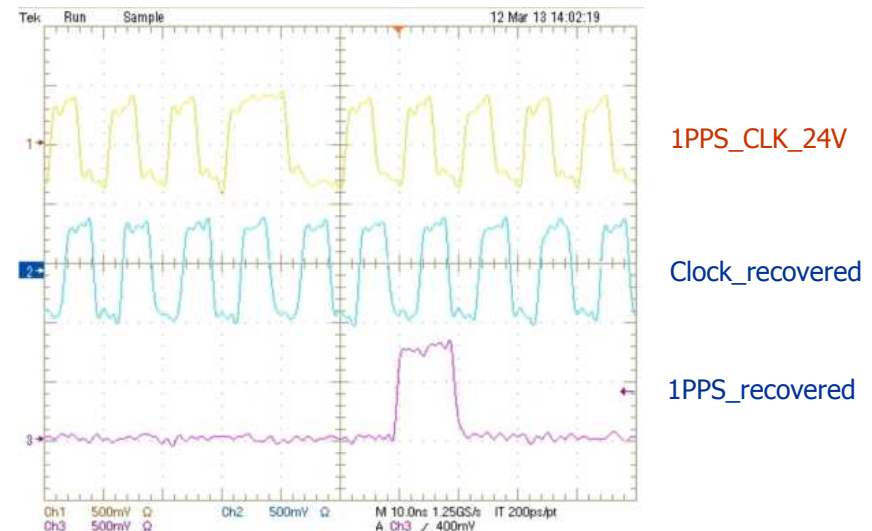
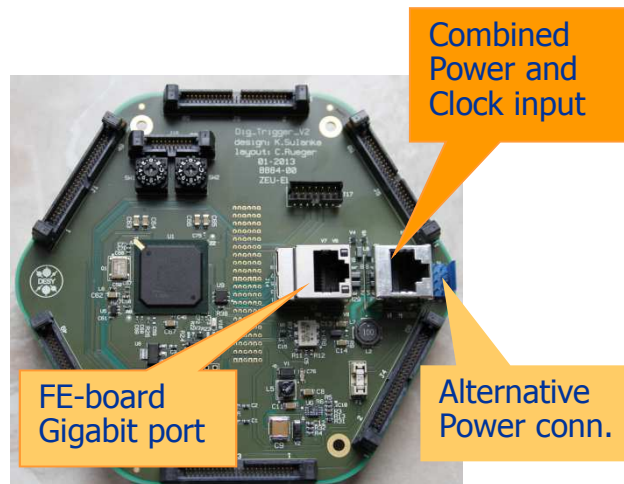


Combined Power and Clock Input

- 24V, clock, and PPS over a single wire pair
- requires a **single cat6 cable** per cluster only (+ gigabit ethernet cable)
- Current jumps of 0.8 A did not influence the (recovered) clock quality

Cat5e - Wire Pair	signal
1	1PPS_CLK_24V
2	BUSY
3	Trig_L1_out
4	Trig_L2_in



Digital Trigger Backplane V3, preliminary

Back side of the camera,
possible view of the DTB-
V3 with the FEB-connector
not yet **rotated** (19.11°).

The 24V power connector
will be the same like for
the ATB.

