



This is the distance one has between the two boards minus the board thickness and the highest component.

The boards, which are plugged in should have the right angled mates at the edge.

Connectors are in an offset arrangement towards each other. This enables putting one 90° angled connector above and one below the board -> more mechanical stability. Disadvantage: PCB thickness determines layout of backplane.

- + 2 x Distance PCB-1stRow-TSW-109-XX-G-D-RA, 1.78 mm
- + PCB Thickness, 1.6 mm
- + Pitch, 2.54 mm
-
- 7.7 mm

Uppsala University

Sheet:
File: backplane.kicad_pcb

Title: Backplane for UppSense

Size: A4 | Date: 2017-06-20 | Rev: 1.0
KICad: E.D.A. | kicad 4.0.6-e0-634952ubuntu17.04.1 | Id: 1/1