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TECHNOLOGY GROUP

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along with credit for buybacks and trade-ins.

Custom engineering
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- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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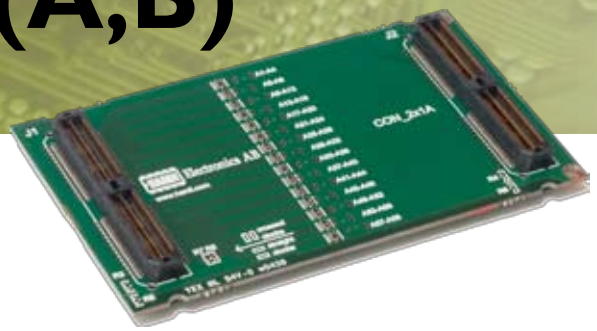
Find the *Synopsys / EVE HAPS* at our website: ***Click HERE***

Synplicity
Simply Better Results

CON_2x1 (A,B)

Interconnect Daughter Board

Part of the Confirma™ ASIC/ASSP Verification Platform



CON_2x1 connects all signals in two connectors adjacent in the transversal direction. The primary use is for adding connections between FPGAs.

The board has connectors mounted on top of the board as well, in parallel with the normal daughter board connectors, allowing other daughter boards to be mounted on top of the CON_2x1 board. This allows the creation of a "bus" where two FPGAs can share common subsystems such as RAM or I/O boards.

Three versions are available: CON_2x1, CON_2x1A and CON_2x1B.

Common Features

- Form factor: 2x1
  (occupies two daughter board connectors)
- Connects GND in the two connectors
- "Top side" connectors allows other daughter boards to share the bus with the FPGAs

CON_2x1

- Connects the dedicated clock pins (A60) through removable 0-ohm resistors
- VCCO (B60) in the two connectors are not connected together
- Connects the remaining 118 pins in the connectors crossed from A to B
- All pins from bottom to top connector are connected straight through

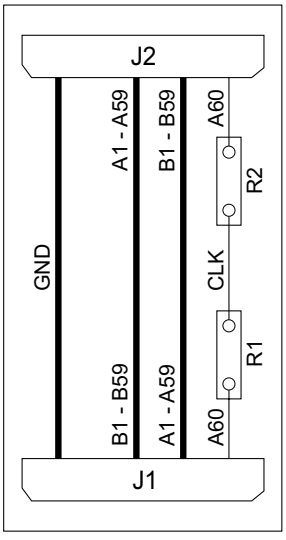
CON_2x1A

- Connects the dedicated clock pins, A60, either straight or crossed to A59
- VCCO (B60) in the two connectors can be connected together
- The remaining 117 pins are connected straight between the connectors
- The signals can be disconnected in groups of four
- VCCO (B60) from bottom to top connector can be disconnected. Other pins are connected straight through.

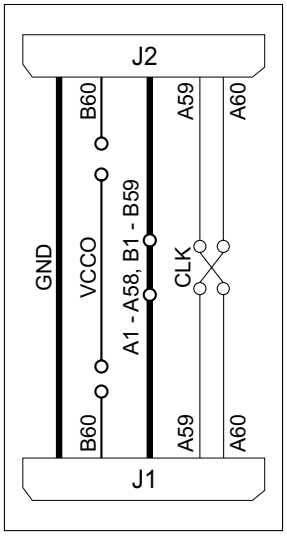
CON_2x1B

As CON_2x1A with one additional feature:

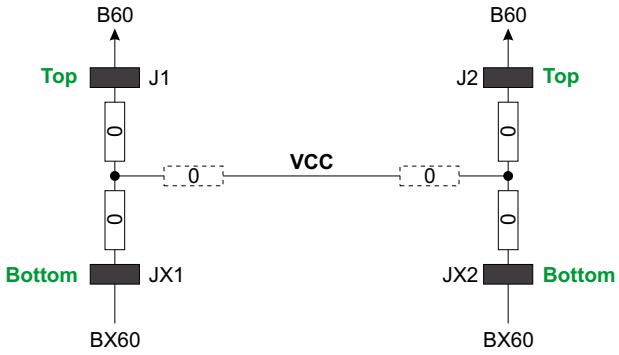
- The signals can be disconnected one by one



CON_2x1



CON_2x1A and CON_2x1B



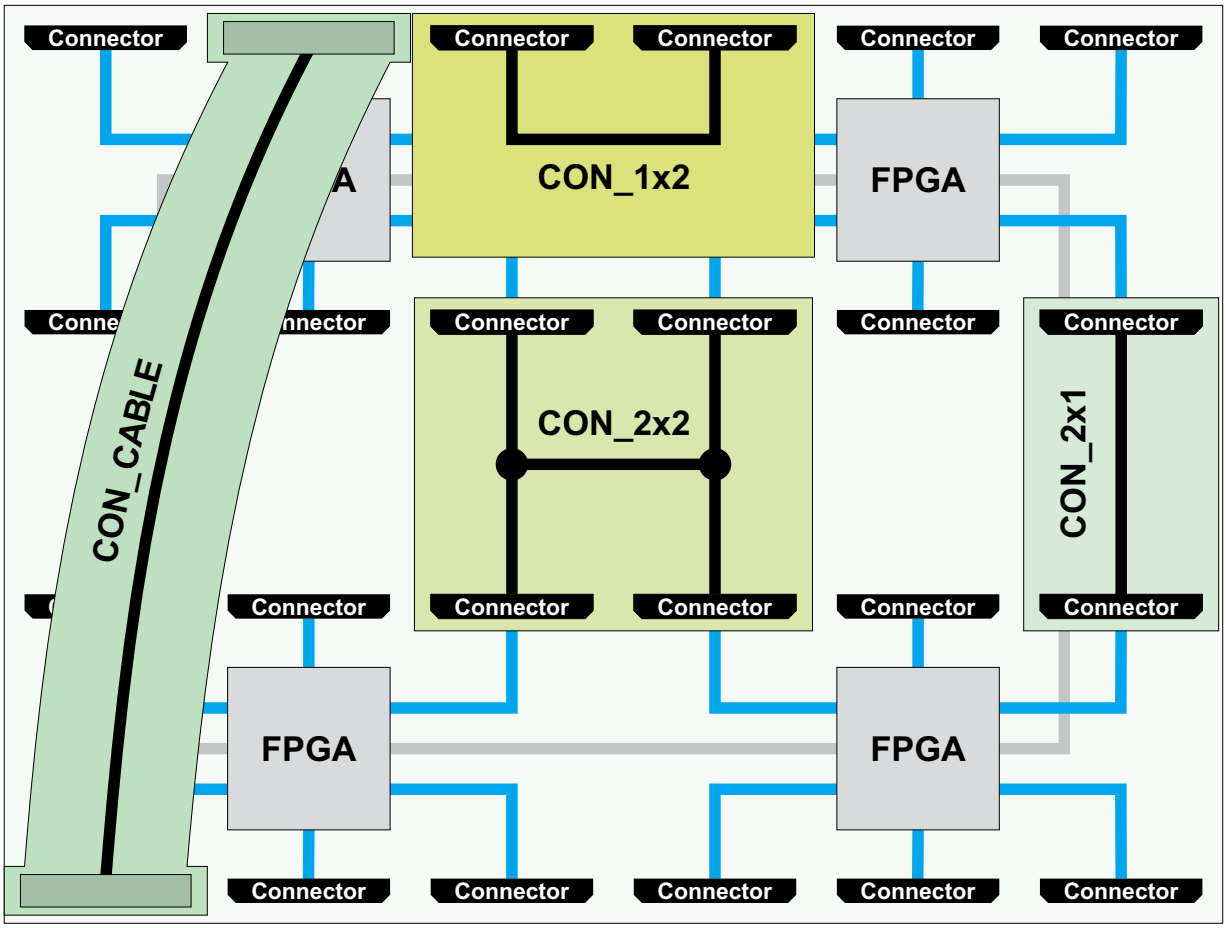
VCCO (pin B60) for CON_2x1A and CON_2x1B

Other Interconnect Boards

Besides the CON_2x1 serie of boards, other interconnect boards and cables are available:

- CON_2x2 — 4-way bus, or two diagonal buses
- CON_1x2 — 2-way bus in the longitudinal direction
- CON_1x1 — vertical bus; available in four different heights
- CON_CABLE40 — 2-way bus; 40 cm long ribbon coax cable with controlled wire impedance
- CON_CABLE40X — 2-way bus; 40 cm long extension cable
- CON_CABLE_RIO — RocketIO bus; for non-adjacent connectors
- CON_RIO Rocket — IO bus; for adjacent connectors

Example of Use



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We buy equipment

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