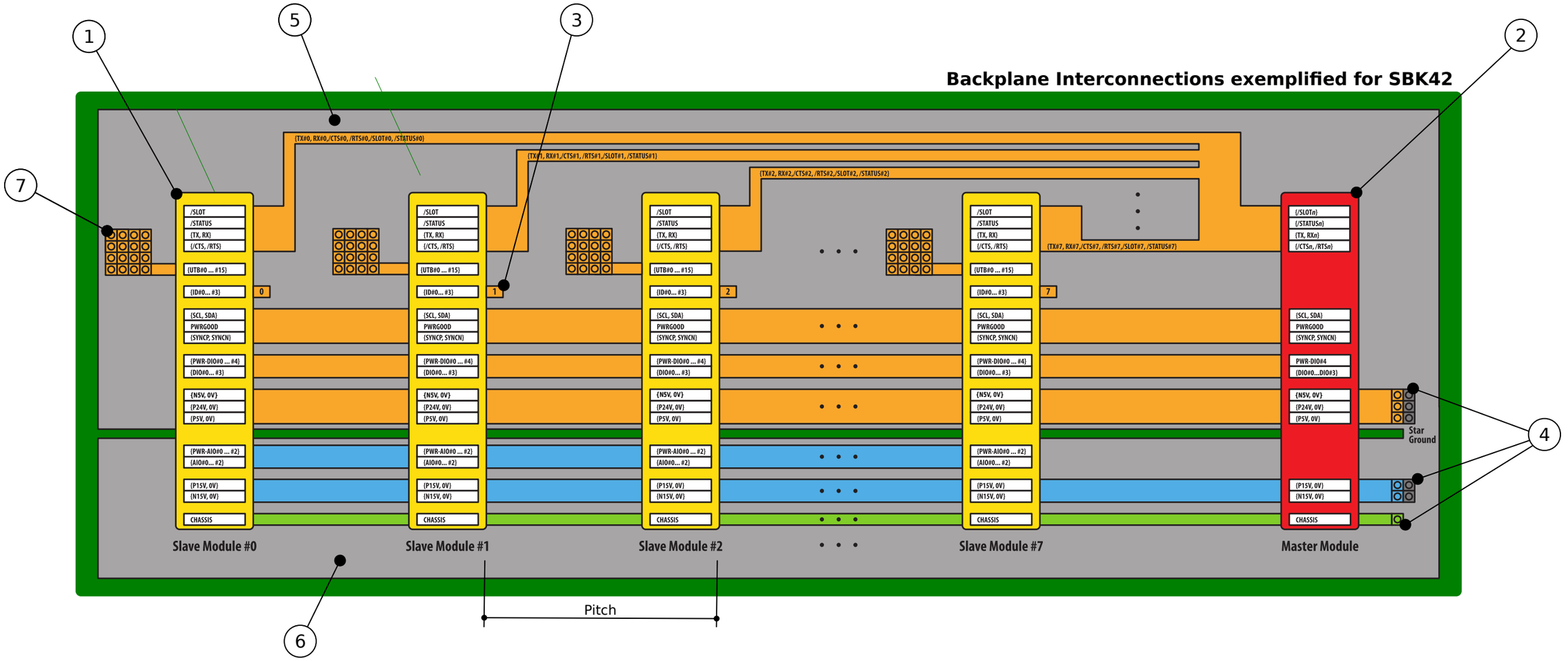
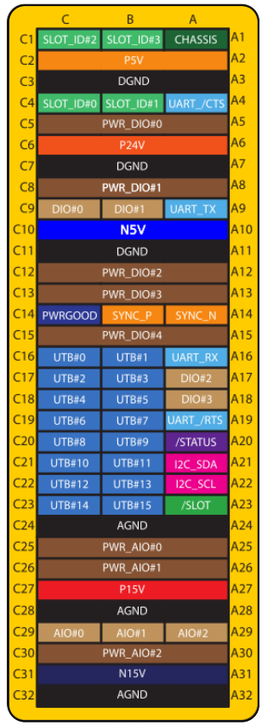
Backplane Interconnections exemplified for SBK42

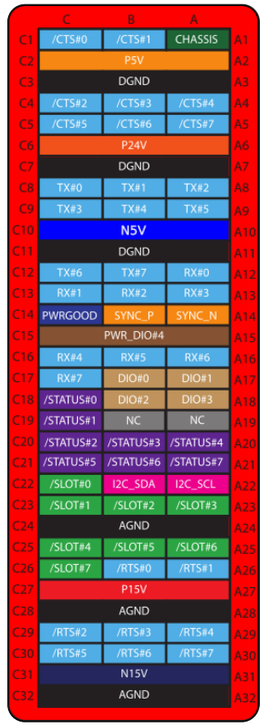


Slave Module Pinout



DIN41612-C96

Master Module Pinout



DIN41612-C96

Notes

1	Modular instrument connector (cf slave pinout).
2	Communications module connector (cf master pinout). Rightmost position only.
3	Slot position code - The 4 lines (ID#0 - ID#3) are tied to the digital ground according the slot's number. These connections are fixed by the backplane's printed circuit board.
4	Power terminal blocks - The DC power supplies and the chassis/earth wires are connected to the backplane's printed circuit board using these terminals.
5	Digital ground plane - Providing both low-impedance return path and shielding, this copper plane is connected to the star grounding point located under the terminal blocks.
6	Analog ground plane - Providing both low-impedance return path and shielding, this copper plane is connected to the star grounding point located under the terminal blocks.
7	2x8 pin header - These pins are routed to the module specific lines (UTB#0 - UTB#15). Because they are located on the backplane's rear side, these terminals can be used either for module-to-module interconnections or module-to-rear-panel connections.

Backplane Configuration

Backplane P/N	Pitch	Slave slot	Master Slot
SBK42	4HP (20.32mm)	8 (#0-7)	1
SBK28	4HP (20.32mm)	5 (#0-4)	1

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Title/Name: SBK-Series Backplane.	Release: SPK-R24A
Description: Backplane Interconnections	
Drawing No.: SBK-SG01-P24A	

Sheet Size	Sheet No.
A3	1 of 1

APP'D By		
DRN By	GGB	24-02-22
	Name	Date YY-MM-DD