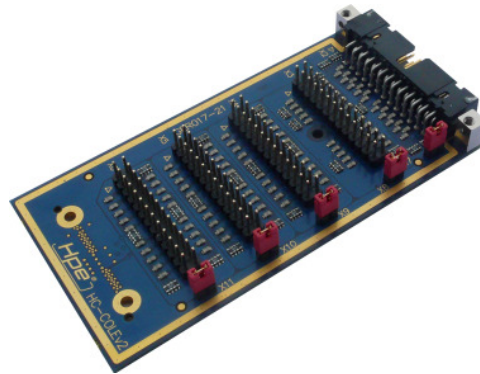


HC-COLEv2

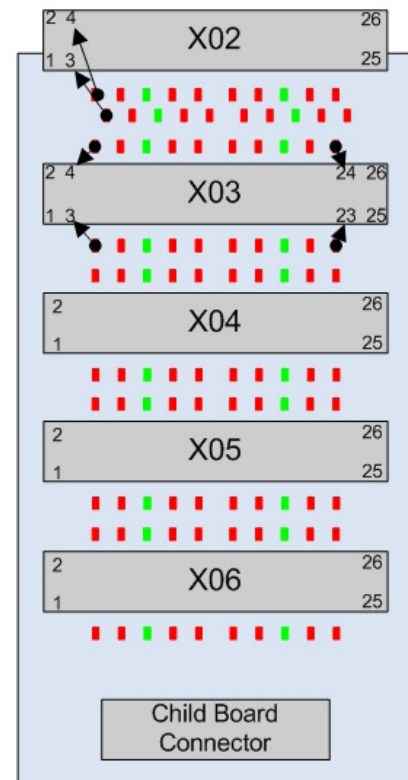
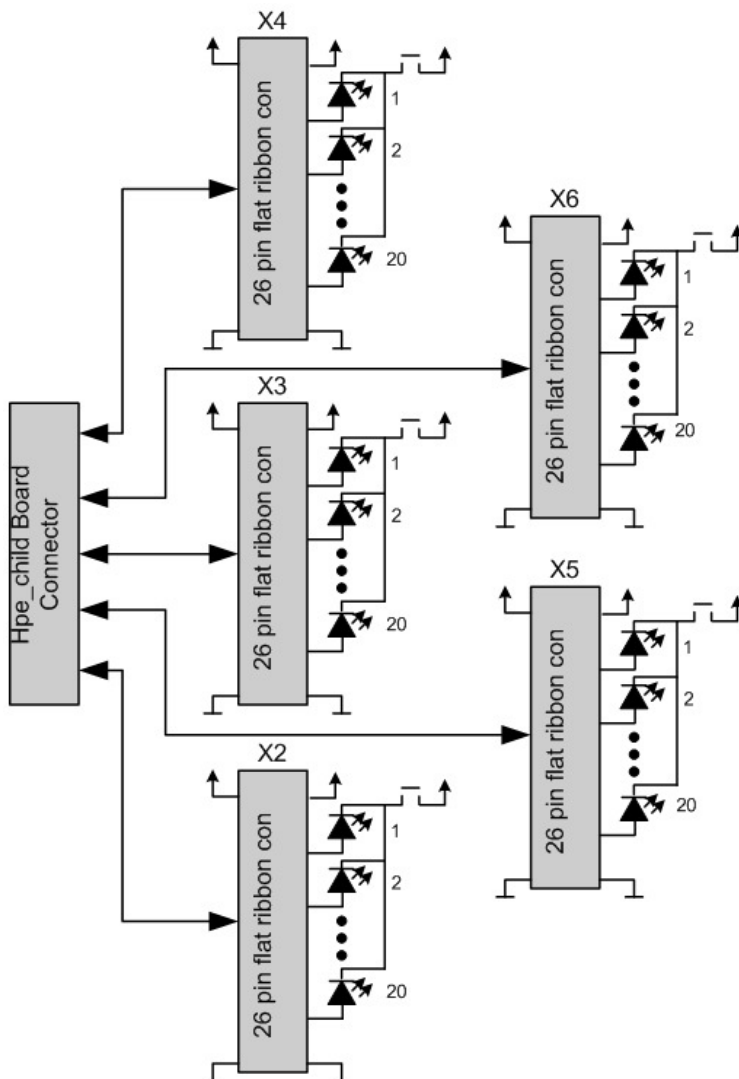
Connects the Hpe_midiv2 or Hpe_IRP to the outside

General Description:

HC-COLEv2 is a connector board for 5 * 26 pin flat ribbon cables. Every pin is connected to a LED which shows the logic level. You can activate respectively 20 LED's together with a jumper.



Block Diagram:



Position of connectors and the related LED

Already prepared JTAG BCD files on Hpe_midi data disk

Pin description:

Flat ribbon connector X2			
<i>CB Stecker</i>	<i>Pin</i>	<i>CB Stecker</i>	<i>Pin</i>
Vcc3V3	1	Vcc3V3	2
A1	3	A2	4
A3	5	A4	6
A7	7	A8	8
A9	9	A10	10
A11	11	A12	12
GND	13	GND	14
A13	15	A14	16
A15	17	A16	18
A17	19	A18	20
A19	21	A20	22
A21	23	A22	24
GND	25	GND	26

Flat ribbon connector X3			
<i>CB Stecker</i>	<i>Pin</i>	<i>CB Stecker</i>	<i>Pin</i>
Vcc3V3	1	Vcc3V3	2
A23	3	A24	4
A25	5	A26	6
A27	7	A28	8
A45	9	A46	10
A47	11	A48	12
GND	13	GND	14
A49	15	A50	16
A51	17	A52	18
A53	19	A54	20
A55	21	A56	22
A57	23	A58	24
GND	25	GND	26

Flat ribbon connector X4			
<i>CB Stecker</i>	<i>Pin</i>	<i>CB Stecker</i>	<i>Pin</i>
Vcc3V3	1	Vcc3V3	2
A59	3	A60	4
A61	5	A62	6
A63	7	A64	8
A65	9	A66	10
B1	11	B2	12
GND	13	GND	14
B3	15	B4	16
B7	17	B8	18
B9	19	B10	20
B11	21	B12	22
B13	23	B14	24
GND	25	GND	26

Flat ribbon connector X5			
<i>CB Stecker</i>	<i>Pin</i>	<i>CB Stecker</i>	<i>Pin</i>
Vcc3V3	1	Vcc3V3	2
B15	3	B16	4
B17	5	B18	6
B19	7	B20	8
B21	9	B22	10
B23	11	B24	12
GND	13	GND	14
B25	15	B26	16
B27	17	B28	18
B32	19	B34	20
B40	21	B42	22
B45	23	B46	24
GND	25	GND	26

Flat ribbon connector X6			
<i>CB Stecker</i>	<i>Pin</i>	<i>CB Stecker</i>	<i>Pin</i>
Vcc3V3	1	Vcc3V3	2
B47	3	B48	4
B49	5	B50	6
B51	7	B52	8
B53	9	B54	10
B55	11	B56	12
GND	13	GND	14
B57	15	B58	16
B59	17	B60	18
B61	19	B62	20
B63	21	B64	22
B65	23	B66	24
GND	25	GND	26

Pin description:

A1	X2 - 3	A2	X2 - 4		B1	X4 - 11	B2	X4 - 12
A3	X2 - 5	A4	X2 - 6		B3	X4 - 15	B4	X4 - 16
A5	GND	A6	GND		B5	GND	B6	GND
A7	X2 - 7	A8	X2 - 8		B7	X4 - 17	B8	X4 - 18
A9	X2 - 9	A10	X2 - 10		B9	X4 - 19	B10	X4 - 20
A11	X2 - 11	A12	X2 - 12		B11	X4 - 21	B12	X4 - 22
A13	X2 - 15	A14	X2 - 16		B13	X4 - 23	B14	X4 - 24
A15	X2 - 17	A16	X2 - 18		B15	X5 - 3	B16	X5 - 4
A17	X2 - 19	A18	X2 - 20		B17	X5 - 5	B18	X5 - 6
A19	X2 - 21	A20	X2 - 22		B19	X5 - 7	B20	X5 - 8
A21	X2 - 23	A22	X2 - 24		B21	X5 - 9	B22	X5 - 10
A23	X3 - 3	A24	X3 - 4		B23	X5 - 11	B24	X5 - 12
A25	X3 - 5	A26	X3 - 6		B25	X5 - 15	B26	X5 - 16
A27	X3 - 7	A28	X3 - 8		B27	X5 - 17	B28	X5 - 18
A29	Vcc3V3	A30	GND		B29	Vcc_VAR1	B30	GND
A31	Vcc3V3	A32	GND		B31	Vcc_VAR1	B32	X5 - 19
A33	Vcc3V3	A34	GND		B33	Vcc_VAR1	B34	X5 - 20
A35	Vcc3V3	A36			B35	Vcc_VAR1	B36	GND
A37	Vcc3V3	A38			B37	Vcc12V0	B38	GND
A39	Vcc3V3	A40	GND		B39	Vcc12V0	B40	X5 - 21
A41	Vcc3V3	A42	GND		B41	Vcc12V0	B42	X5 - 22
A43	Vcc3V3	A44	GND		B43	Vcc12V0	B44	GND
A45	X3 - 9	A46	X3 - 10		B45	X5 - 23	B46	X5 - 24
A47	X3 - 11	A48	X3 - 12		B47	X6 - 3	B48	X6 - 4
A49	X3 - 15	A50	X3 - 16		B49	X6 - 5	B50	X6 - 6
A51	X3 - 17	A52	X3 - 18		B51	X6 - 7	B52	X6 - 8
A53	X3 - 19	A54	X3 - 20		B53	X6 - 9	B54	X6 - 10
A55	X3 - 21	A56	X3 - 22		B55	X6 - 11	B56	X6 - 12
A57	X3 - 23	A58	X3 - 24		B57	X6 - 15	B58	X6 - 16
A59	X4 - 3	A60	X4 - 4		B59	X6 - 17	B60	X6 - 18
A61	X4 - 5	A62	X4 - 6		B61	X6 - 19	B62	X6 - 20
A63	X4 - 7	A64	X4 - 8		B63	X6 - 21	B64	X6 - 22
A65	X4 - 9	A66	X4 - 10		B65	X6 - 23	B66	X6 - 24

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