

CPU-INTERFACE
Documentation

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History

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Introduction

Following the signals for the connectors between CPU-Board and Graphic-Board.

The connection of the two part-circuit boards is realized by two plugs, existing from one 96-pol. VG-Connector and one 48-pol. VG-Connector.

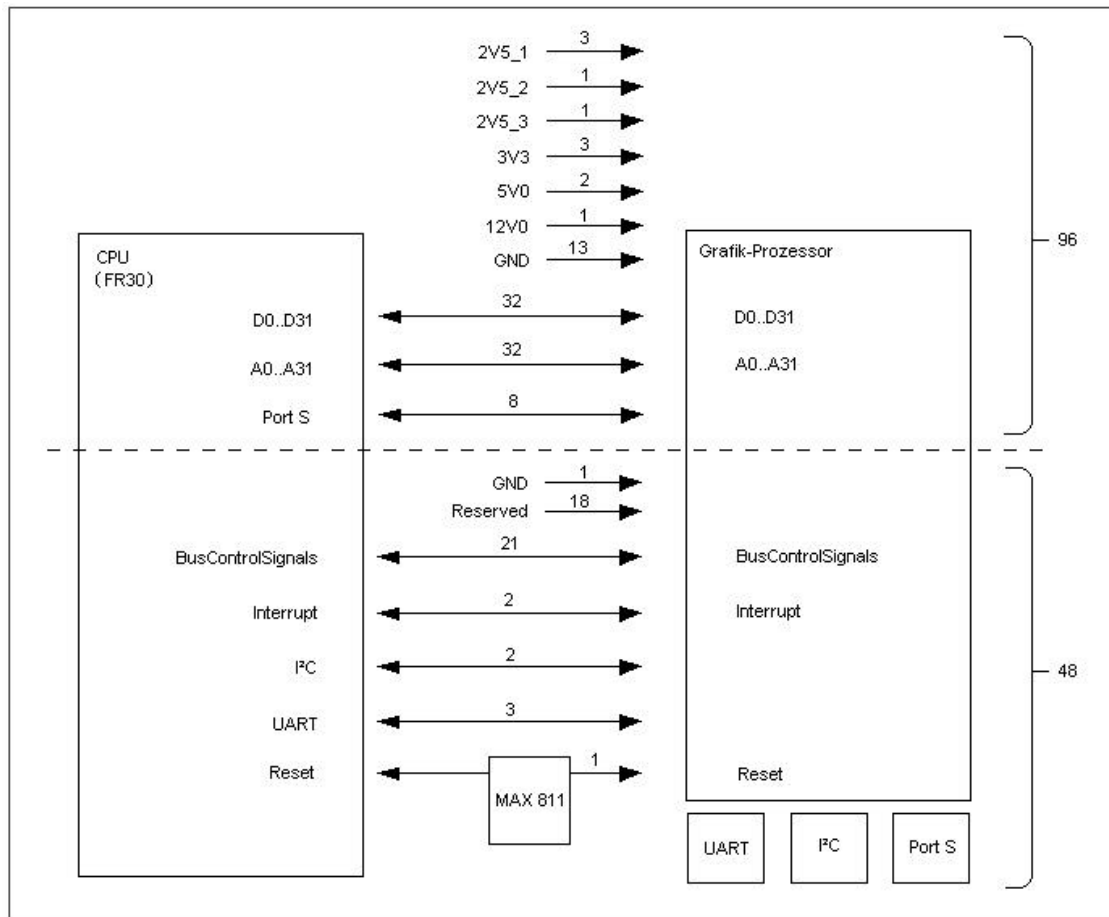


Figure: Block diagram for connector

Nr.	Name	FR-Pin
A1	2.5 V	
A2	3.3 V	
A3	5.0 V	
A4	GND	
A5	D0	183
A6	D3	186
A7	D6	189
A8	D9	192
A9	D12	195
A10	D15	200
A11	D18	203
A12	D21	206
A13	D24	1
A14	D27	4
A15	D30	7
A16	GND	
A17	A0	9
A18	A3	12
A19	A6	15
A20	A9	18
A21	A12	21
A22	A15	24
A23	A18	29
A24	A21	Res.
A25	A24	Res.
A26	A27	Res.
A27	A30	Res.
A28	Port S0	172
A29	Port S3	175
A30	Port S6	179
A31	2.5_2 V	
A32	GND	

Nr.	Name	FR-Pin
B1	2.5 V	
B2	3.3 V	
B3	5.0 V	
B4	GND	
B5	D1	184
B6	D4	187
B7	D7	190
B8	D10	193
B9	D13	196
B10	D16	201
B11	D19	204
B12	D22	207
B13	D25	2
B14	D28	5
B15	D31	8
B16	GND	
B17	A1	10
B18	A4	13
B19	A7	16
B20	A10	19
B21	A13	22
B22	A16	27
B23	A19	30
B24	A22	Res.
B25	A25	Res.
B26	A28	Res.
B27	A31	Res.
B28	Port S1	173
B29	Port S4	177
B30	Port S7	180
B31	2.5_3 V	
B32	GND	

Nr.	Name	FR-Pin
C1	2.5 V	
C2	3.3 V	
C3	5.0 V	
C4	GND	
C5	D2	185
C6	D5	188
C7	D8	191
C8	D11	194
C9	D14	197
C10	D17	202
C11	D20	205
C12	D23	208
C13	D26	3
C14	D29	6
C15	GND	
C16	GND	
C17	A2	11
C18	A5	14
C19	A8	17
C20	A11	20
C21	A14	23
C22	A17	28
C23	A20	31
C24	A23	Res.
C25	A26	Res.
C26	A29	Res.
C27	GND	
C28	Port S2	174
C29	PortS5	178
C30	GND	
C31	GND	
C32	GND	

Table: Signals for 96pol. Connector

Nr.	Name	FR-Pin
A01	CS0	47
A02	CS2	49
A03	CS4	32
A04	CS6	34
A05	BGRNT	36
A06	RDX	38
A07	WR1	40
A08	WR3	42
A09	ALE	44
A10	DREQ0	61
A11	DEOP0	63
A12	Interrupt A	
A13	Interrupt B	
A14	Uart-RxD	
A15	GND	
A16	Reset	

Nr.	Name	FR-Pin
B01	Res.	
B02	Res.	
B03	Res.	
B04	Res.	
B05	Res.	
B06	Res.	
B07	Res.	
B08	Res.	
B09	Res.	
B10	Res.	
B11	Res.	
B12	Res.	
B13	Res.	
B14	Res.	
B15	Res.	
B16	Res.	

Nr.	Name	FR-Pin
C01	CS1	48
C02	CS3	50
C03	CS5	33
C04	RDY	35
C05	BRQ	37
C06	WR0	39
C07	WR2	41
C08	AS	43
C09	CLK	45
C10	DACK0	62
C11	Res.	
C12	I ² C (SDA)	128
C13	I ² C (SCL)	129
C14	Uart-TxD	
C15	Uart-Clock	
C16	Res.	

Table: Signals for 48pol. Connector