Automation with PCs

ADVANTECH.

ADAM-3968/20

68-pin SCSI-II to Three 20-pin Wiring Terminal Module for DIN-rail Mounting
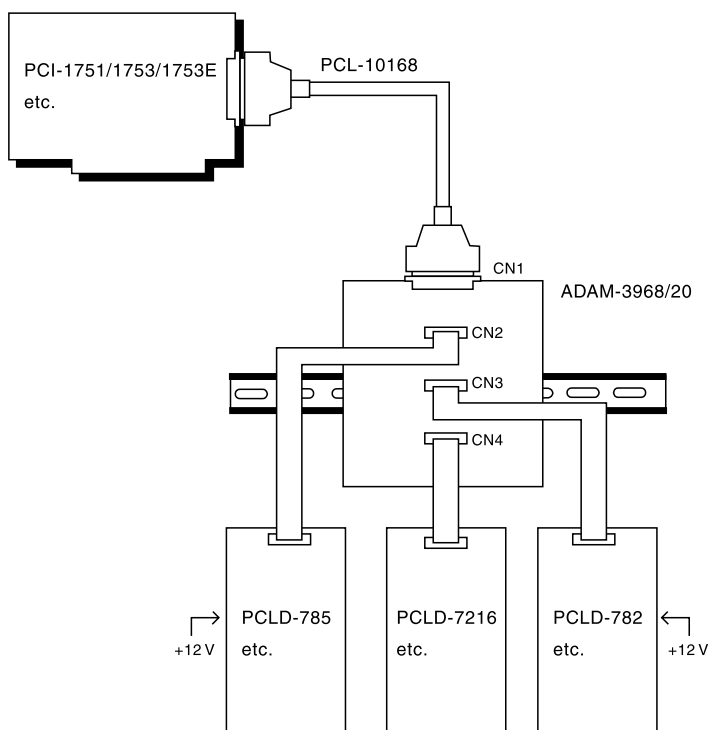
User's Manual

Introduction

The ADAM-3968/20 is a 68-pin SCSI-II to three 20-pin wiring terminal module for DIN-rail mounting. This terminal module can be readily connected to the Advantech PC-Lab cards and allow easy yet reliable to individual daughter boards.

Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCards with 68-pin SCSI-II connectors
- Converts one 68-pin SCSI-II connector to three 20-pin connectors
- Case dimensions: 77.5mm(W) X 80mm(L) X 54.3mm(H) (3.1" X 3.2" X 2.1")

Architecture

Note: An +12V supply must be applied externally when the daughter boards such as PCLD-782/785 etc. is connected via a 20-pin connector through ADAM-3968/20.

Pin Assignments

CN1

PA00	1	35	PA10
PA01	2	36	PA11
PA02	3	37	PA12
PA03	4	38	PA13
PA04	5	39	PA14
PA05	6	40	PA15
PA06	7	41	PA16
PA07	8	42	PA17
NC	9	43	NC
PB00	10	44	PB10
PB01	11	45	PB11
PB02	12	46	PB12
PB03	13	47	PB13
PB04	14	48	PB14
PB05	15	49	PB15
PB06	16	50	PB16
PB07	17	51	PB17
NC	18	52	NC
PC00	19	53	PC10
PC01	20	54	PC11
PC02	21	55	PC12
PC03	22	56	PC13
PC04	23	57	PC14
PC05	24	58	PC15
PC06	25	59	PC16
PC07	26	60	PC17
GND	27	61	NC
NC	28	62	NC
NC	29	63	NC
NC	30	64	NC
NC	31	65	NC
NC	32	66	NC
NC	33	67	NC
+5V	34	68	NC

CN2

PA10	1	2	PA11
PA12	3	4	PA13
PA14	5	6	PA15
PA16	7	8	PA17
PB10	9	10	PB11
PB12	11	12	PB13
PB14	13	14	PB15
PB16	15	16	PB17
GND	17	18	GND
+5V	19	20	NC

CN3

PC00	1	2	PC01
PC02	3	4	PC03
PC04	5	6	PC05
PC06	7	8	PC07
PC10	9	10	PC11
PC12	11	12	PC13
PC14	13	14	PC15
PC16	15	16	PC17
GND	17	18	GND
+5V	19	20	NC

CN4

PA00	1	2	PA01
PA02	3	4	PA03
PA04	5	6	PA05
PA06	7	8	PA07
PB00	9	10	PB01
PB02	11	12	PB03
PB04	13	14	PB05
PB06	15	16	PB07
GND	17	18	GND
+5V	19	20	NC

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