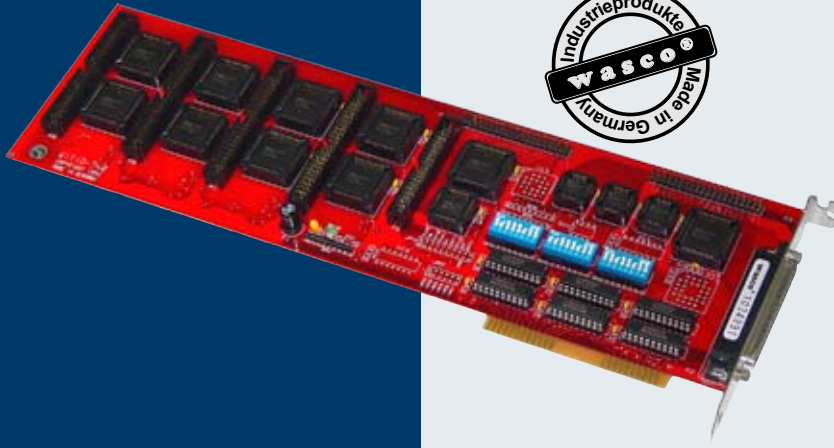


WITIO-240_{STANDARD}

Digitale ISA I/O-Karte mit 240 TTL-Ein/Ausgängen und Timer



240 TTL-Ein/Ausgänge

3 * 16 Bit Timer/Zähler

TECHNISCHE DATEN

Digitale Ein/Ausgänge TTL

Bausteine: 10 * 8255 oder 71055

Kanäle: 240, TTL-kompatibel

Jeder Baustein ist organisiert in Port A, Port B und Port C

Port A und B sind in 8-Bit-Gruppen, Port C ist in einer 8-Bit-Gruppe oder in zwei 4-Bit-Gruppen als Ein- oder Ausgänge programmierbar

Timer

Baustein: 8254 oder 71054

3 * 16 Bit Abwärtszähler

Zählfrequenz: max. 8 MHz

Takt extern

Anschlussstecker

1 * 37polige D-Sub-Buchse

1 * 40poliger Pfostenstecker

4 * 50poliger Pfostenstecker

2 * 40polige Pfostenstecker (Kompatibilitätsstecker zur PC-8255)

Stromverbrauch

+5 V typ. 400 mA

Abmessungen

340 mm x 100 mm (l x h)

4lagige Multilayer-Platine

Sonstige technische Daten

Sicherung für Spannungsversorgung

LED zur Spanningskontrolle

Alle IC-Fassungen mit vergoldeten Kontakten

Adressbelegung

Drei Blöcke mit je 16 Adressen werden im Portbereich belegt. Per Dip-Schalter sind beliebige Adressbereiche einstellbar.

Die WITIO-240_{STANDARD} bietet 240 digitale Ein/Ausgangskanäle, die TTL-kompatibel sind. Diese Karte eignet sich für Ein- und Ausgabeanwendungen, für die keine galvanische Trennungen notwendig sind. Die 30 Ein/Ausgabeports sind in Gruppen zu je acht Kanälen, jeder dritte Port ist zudem auch in zwei Gruppen zu je vier Kanälen als Ein- oder Ausgänge programmierbar. Eine 37polige D-Sub-Buchse am Slotblech der Platine, ein 40poliger und vier 50polige Pfostenstecker auf der Platine ermöglichen den Anschluss der Peripherie. Über ein optional erhältliches Steckerverlegungs-Set ist die Verlegung des 40poligen Pfostensteckers auf eine 37polige D-Sub-Buchse mit Slotblech möglich.

APPLIKATIONEN

Ein-/Ausschaltvorgänge

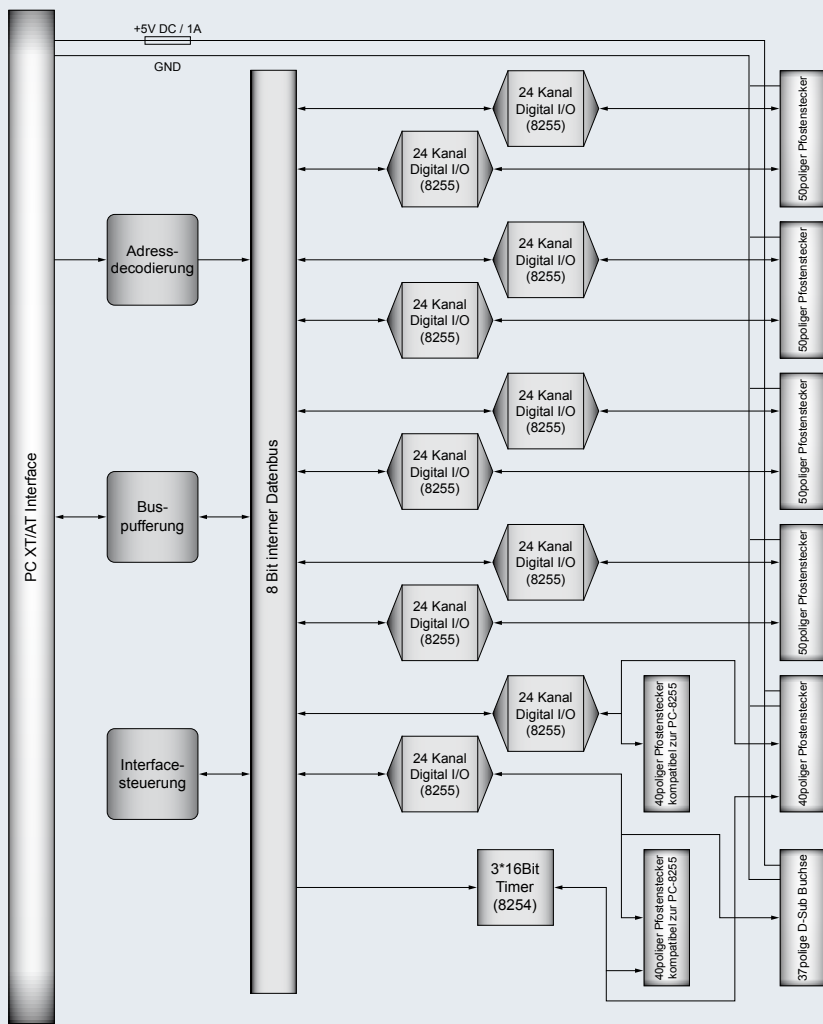
Erkennung von Kontaktzuständen

Binärdatenerfassung

Prozesssteuerung

Datenerfassung von BCD-codierten Instrumenten

BLOCKSCHALTBIELD



STECKERBELEGUNG

Die digitalen Ein/Ausgänge sind der 37poligen D-Sub-Buchse P2, dem 40poligen Pfostenstecker P5, den 50poligen Pfostensteckern P6, P7, P8 und P9 sowie zusätzlich den 40poligen Pfostensteckern P3 und P4 zugeführt. Die Timersignale liegen an P5 an. Die Belegungen von P3 und P4 sind kompatibel zu CN1 und CN2 der PC-8255.

D-Sub-Buchse P2	Pfostenstecker P5	Pfostenstecker P6	Pfostenstecker P7	Pfostenstecker P8	Pfostenstecker P9
1PA0 1	2PA0 1	3PA0 1	4PA0 1	5PA0 1	6PA0 1
2PA0 2	3PA0 2	4PA0 2	5PA0 2	6PA0 2	7PA0 2
3PA0 3	4PA0 3	5PA0 3	6PA0 3	7PA0 3	8PA0 3
4PA0 4	5PA0 4	6PA0 4	7PA0 4	8PA0 4	9PA0 4
5PA0 5	6PA0 5	7PA0 5	8PA0 5	9PA0 5	10PA0 5
6PA0 6	7PA0 6	8PA0 6	9PA0 6	10PA0 6	11PA0 6
7PA0 7	8PA0 7	9PA0 7	10PA0 7	11PA0 7	12PA0 7
8PA0 8	9PA0 8	10PA0 8	11PA0 8	12PA0 8	13PA0 8
9PA0 9	10PA0 9	11PA0 9	12PA0 9	13PA0 9	14PA0 9
10PA0 10	11PA0 10	12PA0 10	13PA0 10	14PA0 10	15PA0 10
11PA0 11	12PA0 11	13PA0 11	14PA0 11	15PA0 11	16PA0 11
12PA0 12	13PA0 12	14PA0 12	15PA0 12	16PA0 12	17PA0 12
13PA0 13	14PA0 13	15PA0 13	16PA0 13	17PA0 13	18PA0 13
14PA0 14	15PA0 14	16PA0 14	17PA0 14	18PA0 14	19PA0 14
15PA0 15	16PA0 15	17PA0 15	18PA0 15	19PA0 15	20PA0 15
16PA0 16	17PA0 16	18PA0 16	19PA0 16	20PA0 16	21PA0 16
17PA0 17	18PA0 17	19PA0 17	20PA0 17	21PA0 17	22PA0 17
18PA0 18	19PA0 18	20PA0 18	21PA0 18	22PA0 18	23PA0 18
19PA0 19	20PA0 19	21PA0 19	22PA0 19	23PA0 19	24PA0 19
20PA0 20	21PA0 20	22PA0 20	23PA0 20	24PA0 20	25PA0 20
21PA0 21	22PA0 21	23PA0 21	24PA0 21	25PA0 21	26PA0 21
22PA0 22	23PA0 22	24PA0 22	25PA0 22	26PA0 22	27PA0 22
23PA0 23	24PA0 23	25PA0 23	26PA0 23	27PA0 23	28PA0 23
24PA0 24	25PA0 24	26PA0 24	27PA0 24	28PA0 24	29PA0 24
25PA0 25	26PA0 25	27PA0 25	28PA0 25	29PA0 25	30PA0 25
26PA0 26	27PA0 26	28PA0 26	29PA0 26	30PA0 26	31PA0 26
27PA0 27	28PA0 27	29PA0 27	30PA0 27	31PA0 27	32PA0 27
28PA0 28	29PA0 28	30PA0 28	31PA0 28	32PA0 28	33PA0 28
29PA0 29	30PA0 29	31PA0 29	32PA0 29	33PA0 29	34PA0 29
30PA0 30	31PA0 30	32PA0 30	33PA0 30	34PA0 30	35PA0 30
31PA0 31	32PA0 31	33PA0 31	34PA0 31	35PA0 31	36PA0 31
32PA0 32	33PA0 32	34PA0 32	35PA0 32	36PA0 32	37PA0 32
33PA0 33	34PA0 33	35PA0 33	36PA0 33	37PA0 33	38PA0 33
34PA0 34	35PA0 34	36PA0 34	37PA0 34	38PA0 34	39PA0 34
35PA0 35	36PA0 35	37PA0 35	38PA0 35	39PA0 35	40PA0 35
36PA0 36	37PA0 36	38PA0 36	39PA0 36	40PA0 36	41PA0 36
37PA0 37	38PA0 37	39PA0 37	40PA0 37	41PA0 37	42PA0 37
38PA0 38	39PA0 38	40PA0 38	41PA0 38	42PA0 38	43PA0 38
39PA0 39	40PA0 39	41PA0 39	42PA0 39	43PA0 39	44PA0 39
40PA0 40	41PA0 40	42PA0 40	43PA0 40	44PA0 40	45PA0 40
41PA0 41	42PA0 41	43PA0 41	44PA0 41	45PA0 41	46PA0 41
42PA0 42	43PA0 42	44PA0 42	45PA0 42	46PA0 42	47PA0 42
43PA0 43	44PA0 43	45PA0 43	46PA0 43	47PA0 43	48PA0 43
44PA0 44	45PA0 44	46PA0 44	47PA0 44	48PA0 44	49PA0 44
45PA0 45	46PA0 45	47PA0 45	48PA0 45	49PA0 45	50PA0 45
46PA0 46	47PA0 46	48PA0 46	49PA0 46	50PA0 46	51PA0 46
47PA0 47	48PA0 47	49PA0 47	50PA0 47	51PA0 47	52PA0 47
48PA0 48	49PA0 48	50PA0 48	51PA0 48	52PA0 48	53PA0 48
49PA0 49	50PA0 49	51PA0 49	52PA0 49	53PA0 49	54PA0 49
50PA0 50	51PA0 50	52PA0 50	53PA0 50	54PA0 50	55PA0 50
51PA0 51	52PA0 51	53PA0 51	54PA0 51	55PA0 51	56PA0 51
52PA0 52	53PA0 52	54PA0 52	55PA0 52	56PA0 52	57PA0 52
53PA0 53	54PA0 53	55PA0 53	56PA0 53	57PA0 53	58PA0 53
54PA0 54	55PA0 54	56PA0 54	57PA0 54	58PA0 54	59PA0 54
55PA0 55	56PA0 55	57PA0 55	58PA0 55	59PA0 55	60PA0 55
56PA0 56	57PA0 56	58PA0 56	59PA0 56	60PA0 56	61PA0 56
57PA0 57	58PA0 57	59PA0 57	60PA0 57	61PA0 57	62PA0 57
58PA0 58	59PA0 58	60PA0 58	61PA0 58	62PA0 58	63PA0 58
59PA0 59	60PA0 59	61PA0 59	62PA0 59	63PA0 59	64PA0 59
60PA0 60	61PA0 60	62PA0 60	63PA0 60	64PA0 60	65PA0 60
61PA0 61	62PA0 61	63PA0 61	64PA0 61	65PA0 61	66PA0 61
62PA0 62	63PA0 62	64PA0 62	65PA0 62	66PA0 62	67PA0 62
63PA0 63	64PA0 63	65PA0 63	66PA0 63	67PA0 63	68PA0 63
64PA0 64	65PA0 64	66PA0 64	67PA0 64	68PA0 64	69PA0 64
65PA0 65	66PA0 65	67PA0 65	68PA0 65	69PA0 65	70PA0 65
66PA0 66	67PA0 66	68PA0 66	69PA0 66	70PA0 66	71PA0 66
67PA0 67	68PA0 67	69PA0 67	70PA0 67	71PA0 67	72PA0 67
68PA0 68	69PA0 68	70PA0 68	71PA0 68	72PA0 68	73PA0 68
69PA0 69	70PA0 69	71PA0 69	72PA0 69	73PA0 69	74PA0 69
70PA0 70	71PA0 70	72PA0 70	73PA0 70	74PA0 70	75PA0 70
71PA0 71	72PA0 71	73PA0 71	74PA0 71	75PA0 71	76PA0 71
72PA0 72	73PA0 72	74PA0 72	75PA0 72	76PA0 72	77PA0 72
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74PA0 74	75PA0 74	76PA0 74	77PA0 74	78PA0 74	79PA0 74
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83PA0 83	84PA0 83	85PA0 83	86PA0 83	87PA0 83	88PA0 83
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85PA0 85	86PA0 85	87PA0 85	88PA0 85	89PA0 85	90PA0 85
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90PA0 90	91PA0 90	92PA0 90	93PA0 90	94PA0 90	95PA0 90
91PA0 91	92PA0 91	93PA0 91	94PA0 91	95PA0 91	96PA0 91
92PA0 92	93PA0 92	94PA0 92	95PA0 92	96PA0 92	97PA0 92
93PA0 93	94PA0 93	95PA0 93	96PA0 93	97PA0 93	98PA0 93
94PA0 94	95PA0 94	96PA0 94	97PA0 94	98PA0 94	99PA0 94
95PA0 95	96PA0 95	97PA0 95	98PA0 95	99PA0 95	100PA0 95
96PA0 96	97PA0 96	98PA0 96	99PA0 96	100PA0 96	101PA0 96
97PA0 97	98PA0 97	99PA0 97	100PA0 97	101PA0 97	102PA0 97
98PA0 98	99PA0 98	100PA0 98	101PA0 98	102PA0 98	103PA0 98
99PA0 99	100PA0 99	101PA0 99	102PA0 99	103PA0 99	104PA0 99
100PA0 100	101PA0 100	102PA0 100	103PA0 100	104PA0 100	105PA0 100
101PA0 101	102PA0 101	103PA0 101	104PA0 101	105PA0 101	106PA0 101
102PA0 102	103PA0 102	104PA0 102	105PA0 102	106PA0 102	107PA0 102
103PA0 103	104PA0 103	105PA0 103	106PA0 103	107PA0 103	108PA0 103
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110PA0 110	111PA0 110	112PA0 110	113PA0 110	114PA0 110	115PA0 110
111PA0 111	112PA0 111	113PA0 111	114PA0 111	115PA0 111	116PA0 111
112PA0 112	113PA0 112	114PA0 112	115PA0 112	116PA0 112	117PA0 112
113PA0 113	114PA0 113	115PA0 113	116PA0 113	117PA0 113	118PA0 113
114PA0 114	115PA0 114	116PA0 114	117PA0 114	118PA0 114	119PA0 114
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122PA0 122	123PA0 122	124PA0 122	125PA0 122	126PA0 122	127PA0 122
123PA0 123	124PA0 123	125PA0 123	126PA0 123	127PA0 123	128PA0 123
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125PA0 125	126PA0 125	127PA0 125	128PA0 125	129PA0 125	130PA0 125
126PA0 126	127PA0 126	128PA0 126	129PA0 126	130PA0 126	131PA0 126
127PA0 127	128PA0 127	129PA0 127	130PA0 127	131PA0 127	132PA0 127
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131PA0 131	132PA0 131	133PA0 131	134PA0 131	135PA0 131	136PA0 131
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133PA0 133	134PA0 133	135PA0 133	136PA0 133	137PA0 133	138PA0 133
134PA0 134	135PA0 134	136PA0 134	137PA0 134	138PA0 134	139PA0 134
135PA0 135	136PA0 135	137PA0 135	138PA0 135	139PA0 135	140PA0 135