TEWS
T E C H N O L O G I E S

TA104

HD68 Cable

1.8 m cable with two 68 pin male

SCSI-3 type connectors

Version 1.0

User Manual

Issue 1.0.2

January 2011

TA104-10R HD68 Cable

1.8 m cable with two 68 pin male SCSI-3 type connectors

Style Conventions

Hexadecimal characters are specified with prefix 0x, i.e. 0x029E (that means hexadecimal value 029E).

For signals on hardware products, an ‚Active Low' is represented by the signal name with # following, i.e. IP_RESET#.

Issue	Description	Date
1.0	First Issue	April 2005
1.1	New Address TEWS LLC	September 2006
1.0.2	Extension "Product Description"	January 2011

Table of Contents

Table of Figures

1 Product Description

The TA104 represents a one to one connection. At both sides of the shielded cable a HD68 SCSI-3 connector is mounted which provide a direct connection to a lot of TEWS product range of PMC, PIM, CompactPCI and VME modules (for example TPMC460, TPMC851, TCP862, TPIM002, and more).

The TA104 HD68 Cable in conjunction with a TA203-10 HD68 Terminal block, a PIM carrier with PIM module and several carriers could be used for prototyping and also for series.

Length of the TA104 HD68 Cable is at least 1.8 m.

The permissible maximum voltage for the TA104 is 30V DC.

Always two wires are constructed as twisted pairs (1 and 35, 2 and 36, …, 34 and 68).

2 HD68 Cable Pin Assignment

X1 male SCSI-3	X2 male SCSI-3		X1 male SCSI-3	X2 male SCSI-3
1	1		35	35
2	2		36	36
3	3		37	37
4	4		38	38
5	5		39	39
6	6		40	40
7	7		41	41
8	8		42	42
9	9		43	43
10	10		44	44
11	11		45	45
12	12		46	46
13	13		47	47
14	14		48	48
15	15		49	49
16	16		50	50
17	17		51	51
18	18		52	52
19	19		53	53
20	20		54	54
21	21		55	55
22	22		56	56
23	23		57	57
24	24		58	58
25	25		59	59
26	26		60	60
27	27		61	61
28	28		62	62
29	29		63	63
30	30		64	64
31	31		65	65
32	32		66	66
33	33		67	67
34	34		68	68

Figure 2-1 : HD68 Cable Pin Assignment

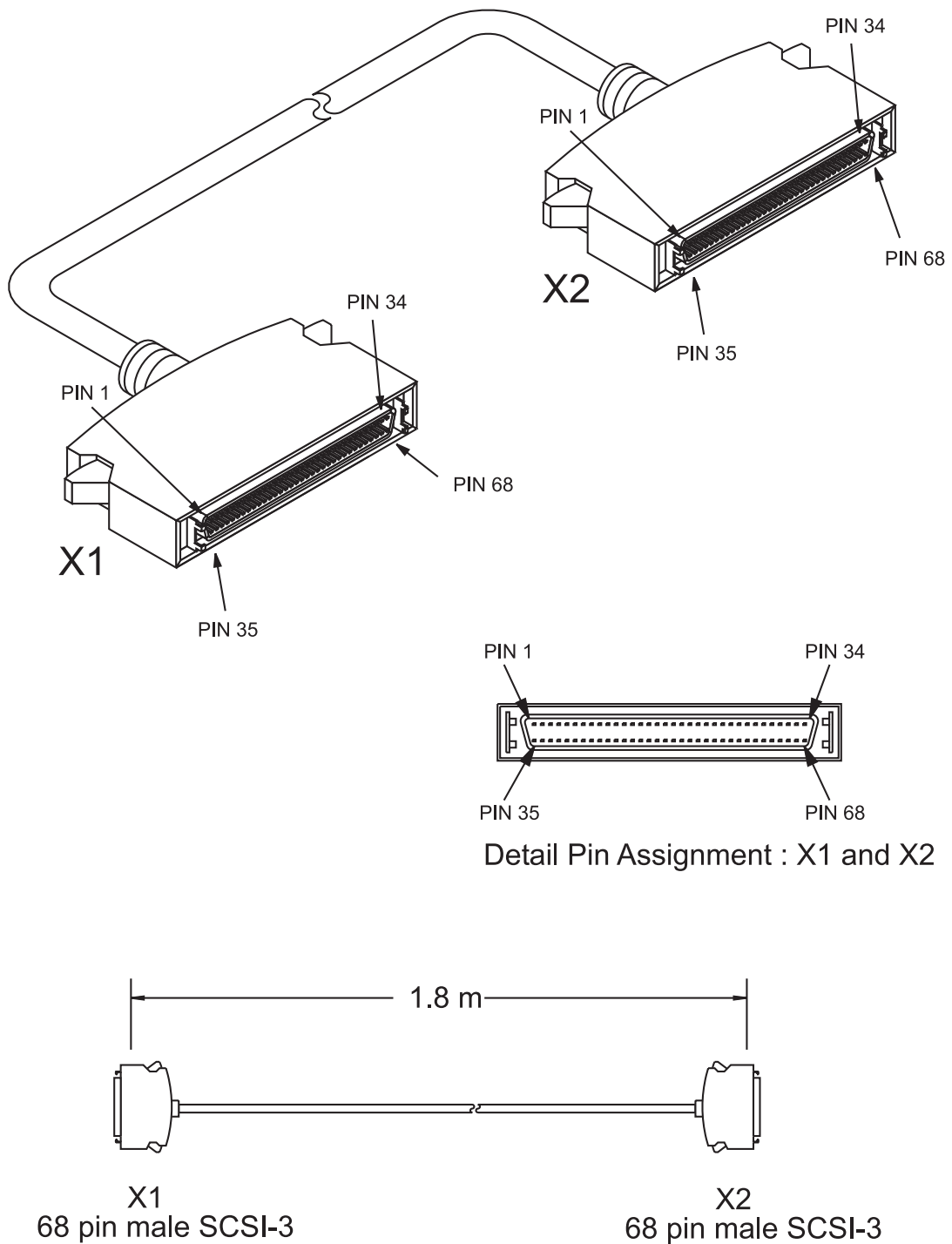# 3 **Assembly Drawing**

Detail Pin Assignment : X1 and X2

X1
68 pin male SCSI-3

X2
68 pin male SCSI-3

Figure 3-1 : Assembly Drawing