6. Appendix Two: Internal jumper settings for the Canberra 8075 ADC module.

The Canberra 8075 ADC module predates the 8701 module but can also be used with MicroDas provided the internal jumper settings are set as follows and an adaptor cable is made as described in the table below. However it is recommended that MicroDas be used only with 8701 ADC modules. There is no guarantee that all functions of MicroDas will be available with 8075 ADC modules.

J6: Enable data signal: NEG true

J7: Data accepted signal: NEG true

J8: Data ready: NEG true

J9: Dead time connector function: INput

J10: Dead time output: POS true

J11: Early/Late coincidence: LATE position

R145: dead time signal generation mode BC

Note: All dead time functions may not be operational on these older ADC models!

8075 Interface Adaptor

MPSYS (34pin)	Description	ADC 8075 (26pin)	Signal Type (@ADC)	Logic (see Jumper settings!)
1	GND	22	GND	
2	ACCEPT	8	Input	NEG true
3	GND	22	GND	
4	ENB DATA	18	Input	NEG true
5	GND	22	GND	
6	CDT	16	Output	POS true
7	GND	22	GND	
8	ENB CONV	10	Input	POS true
9	GND	22	GND	
10	DATA READY	2	Output	NEG true
11	GND	22	GND	
12	INB (INV)	14	Output	
13	not used (reserved)			
14	DATA 0	1	Output	
15	DATA 7	15	Output	
16	DATA 1	3	Output	
17	DATA 8	17	Output	
18	DATA 2	5	Output	
19	DATA 9	19	Output	
20	DATA 3	7	Output	
21	DATA 10	21	Output	
22	DATA 4	9	Output	
23	DATA 11	23	Output	
24	DATA 5	11	Output	
25	DATA 12	25	Output	
26	DATA 6	13	Output	
27-34	not used by MPSYS	4,6,12,20,24,26		