DAQ LINK CARD CURRENT DRAW ESTIMATE
5/22/98

DAQ Link Card +5V Supply

Chip	Standing Current (mA)	Output Drivers (mA)	SubTotal (mA)	Number	Total (mA)	
Finisar	171	32	203	1	203	
MC68HC705X32	8	0	8	1	8	
HCPL-7107	8	0	8	2	16	
MC1403	1	0	1	1	1	
MAX709	0	0	0	1	0	
MAX232	15	0	15	1	15	* ON FOR DEBUGGING ONLY
OR2C26A-4S208	250	0	250	1	250	* 1/1.15 X ABSOLUTE MAXIMUM
AT17C512	10	0	10	1	10	
74LS122	11	0	11	1	11	
LED	10	0	10	6	60	
74AC16373	0	0	0	1	0	
M100H601	96	0	96	2	192	* 1/1.15 X ABSOLUTE MAXIMUM
MC100ELT24	5	0	5	1	5	
PDU-14F-2	74	0	74	1	74	
CMD DELAY SW	0.5	0	0.5	4	2	
MC10H604	45	0	45	2	90	
MC3423	0	0	0	1	0	
MCR8S	0	0	0	1	0	
VOLTAGE DIVIDER	1	0	1	1	1	
TOTAL					938	
WORST CASE ADD 15%					1079	

DAQ Link Card -5.2V Supply

LM337	1	0	1	1	1	* VTT CURRENT ACCOUNTED FOR UNDER OUTPUT DRIVE
MAX709	0	0	0	1	0	
HDMP-1012	403	65	468	1	468	
HDMP-1014	512	65	577	1	577	
MC10114	28	54	82	1	82	* DRIVERS ON FOR DEBUGGING ONLY
SY100EL11	26	9	35	1	35	
PDU-54-1000	300	0	300		300	
CLK DELAY SW	0.5	0	0.5	4	2	
MC100EL31	27	9	36	1	36	
SY89421V	105	16	121	1	121	* 1/1.15 X ABSOLUTE MAXIMUM
100314	45	36	81	4	324	
MC10H604	122	36	158	2	316	* 1/1.15 X ABSOLUTE MAXIMUM
MC100ELT24	13	9	22	1	22	
100311	102	72	174	1	174	* 1/1.15 X ABSOLUTE MAXIMUM
MC100H601	44	0	44	2	88	* 1/1.15 X ABSOLUTE MAXIMUM
MC3423	0	0	0	1	0	
MCR8S	0	0	0	1	0	
VOLTAGE DIV	1	0	1	1	1	
LED	10	0	10	1	10	
TOTAL					2557	
WORST CASE ADD 15%					2941	