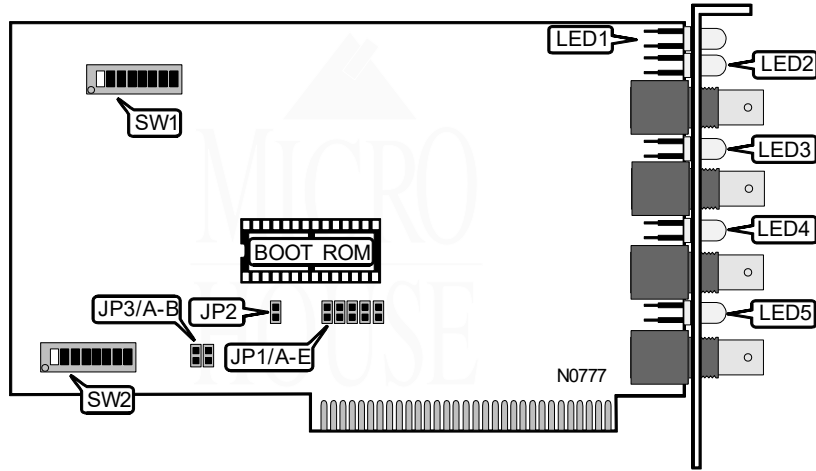


LONGSHINE MICROSYSTEM, INC.
LCS-8830H-C

NIC Type ARCnet
Transfer Rate 2.5Mbps
Data Bus 8-bit ISA
Topology Linear bus
 Star
Wiring Type RG-58A/U 50ohm coaxial
Boot ROM Available



STATION ADDRESS SELECT								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
f B3h	On	On	Off	Off	On	On	Off	On
01h	On	Off	Off	Off	Off	Off	Off	Off
02h	Off	On	Off	Off	Off	Off	Off	Off
03h	On	On	Off	Off	Off	Off	Off	Off
04h	Off	Off	On	Off	Off	Off	Off	Off
05h	On	Off	On	Off	Off	Off	Off	Off
06h	Off	On	On	Off	Off	Off	Off	Off
07h	On	On	On	Off	Off	Off	Off	Off
08h	Off	Off	Off	On	Off	Off	Off	Off
09h	On	Off	Off	On	Off	Off	Off	Off
0Ah	Off	On	Off	On	Off	Off	Off	Off
0Bh	On	On	Off	On	Off	Off	Off	Off
0Ch	Off	Off	On	On	Off	Off	Off	Off
0Dh	On	Off	On	On	Off	Off	Off	Off
0Eh	Off	On	On	On	Off	Off	Off	Off

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0Fh	On	On	On	On	Off	Off	Off	Off
10h	Off	Off	Off	Off	On	Off	Off	Off
11h	On	Off	Off	Off	On	Off	Off	Off
12h	Off	On	Off	Off	On	Off	Off	Off
13h	On	On	Off	Off	On	Off	Off	Off
14h	Off	Off	On	Off	On	Off	Off	Off
15h	On	Off	On	Off	On	Off	Off	Off
16h	Off	On	On	Off	On	Off	Off	Off
17h	On	On	On	Off	On	Off	Off	Off
18h	Off	Off	Off	On	On	Off	Off	Off
19h	On	Off	Off	On	On	Off	Off	Off
1Ah	Off	On	Off	On	On	Off	Off	Off
1Bh	On	On	Off	On	On	Off	Off	Off
1Ch	Off	Off	On	On	On	Off	Off	Off
1Dh	On	Off	On	On	On	Off	Off	Off
1Eh	Off	On	On	On	On	Off	Off	Off
1Fh	On	On	On	On	On	Off	Off	Off
20h	Off	Off	Off	Off	Off	On	Off	Off
21h	On	Off	Off	Off	Off	On	Off	Off
22h	Off	On	Off	Off	Off	On	Off	Off
23h	On	On	Off	Off	On	Off	Off	Off
24h	Off	Off	On	Off	Off	On	Off	Off
25h	On	Off	On	Off	Off	On	Off	Off
26h	Off	On	On	Off	Off	On	Off	Off
27h	On	On	On	Off	Off	On	Off	Off
28h	Off	Off	Off	On	Off	On	Off	Off
29h	On	Off	Off	On	Off	On	Off	Off
2Ah	Off	On	Off	On	Off	On	Off	Off
2Bh	On	On	Off	On	Off	On	Off	Off
2Ch	Off	Off	On	On	Off	On	Off	Off
2Dh	On	Off	On	On	Off	On	Off	Off
2Eh	Off	On	On	On	Off	On	Off	Off
2Fh	On	On	On	On	Off	On	Off	Off
30h	Off	Off	Off	Off	On	On	Off	Off
31h	On	Off	Off	Off	On	On	Off	Off
32h	Off	On	Off	Off	On	On	Off	Off
33h	On	On	Off	Off	On	On	Off	Off
34h	Off	Off	On	Off	On	On	Off	Off
35h	On	Off	On	Off	On	On	Off	Off
36h	Off	On	On	Off	On	On	Off	Off

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LONGSHINE MICROSYSTEM, INC.
LCS-8830H-C

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
37h	On	On	On	Off	On	On	Off	Off
38h	Off	Off	Off	On	On	On	Off	Off
39h	On	Off	Off	On	On	On	Off	Off
3Ah	Off	On	Off	On	On	On	Off	Off
3Bh	On	On	Off	On	On	On	Off	Off
3Ch	Off	Off	On	On	On	On	Off	Off
3Dh	On	Off	On	On	On	On	Off	Off
3Eh	Off	On	On	On	On	On	Off	Off
3Fh	On	On	On	On	On	On	Off	Off
40h	Off	Off	Off	Off	Off	Off	On	Off
41h	On	Off	Off	Off	Off	Off	On	Off
42h	Off	On	Off	Off	Off	Off	On	Off
43h	On	On	Off	Off	Off	Off	On	Off
44h	Off	Off	On	Off	Off	Off	On	Off
45h	On	Off	On	Off	Off	Off	On	Off
46h	Off	On	On	Off	Off	Off	On	Off
47h	On	On	On	Off	Off	Off	On	Off
48h	Off	Off	Off	On	Off	Off	On	Off
49h	On	Off	Off	On	Off	Off	On	Off
4Ah	Off	On	Off	On	Off	Off	On	Off
4Bh	On	On	Off	On	Off	Off	On	Off
4Ch	Off	Off	On	On	Off	Off	On	Off
4Dh	On	Off	On	On	Off	Off	On	Off
4Eh	Off	On	On	On	Off	Off	On	Off
4Fh	On	On	On	On	Off	Off	On	Off
50h	Off	Off	Off	Off	On	Off	On	Off
51h	On	Off	Off	Off	On	Off	On	Off
52h	Off	On	Off	Off	On	Off	On	Off
53h	On	On	Off	Off	On	Off	On	Off
54h	Off	Off	On	Off	On	Off	On	Off
55h	On	Off	On	Off	On	Off	On	Off
56h	Off	On	On	Off	On	Off	On	Off
57h	On	On	On	Off	On	Off	On	Off
58h	Off	Off	Off	On	On	Off	On	Off
59h	On	Off	Off	On	On	Off	On	Off
5Ah	Off	On	Off	On	On	Off	On	Off
5Bh	On	On	Off	On	On	Off	On	Off

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
5Ch	Off	Off	On	On	On	Off	On	Off
5Dh	On	Off	On	On	On	Off	On	Off
5Eh	Off	On	On	On	On	Off	On	Off
5Fh	On	On	On	On	On	Off	On	Off
60h	Off	Off	Off	Off	Off	On	On	Off
61h	On	Off	Off	Off	Off	On	On	Off
62h	Off	On	Off	Off	Off	On	On	Off
63h	On	On	Off	Off	Off	On	On	Off
64h	Off	Off	On	Off	Off	On	On	Off
65h	On	Off	On	Off	Off	On	On	Off
66h	Off	On	On	Off	Off	On	On	Off
67h	On	On	On	Off	Off	On	On	Off
68h	Off	Off	Off	On	Off	On	On	Off
69h	On	Off	Off	On	Off	On	On	Off
6Ah	Off	On	Off	On	Off	On	On	Off
6Bh	On	On	Off	On	Off	On	On	Off
6Ch	Off	Off	On	On	Off	On	On	Off
6Dh	On	Off	On	On	Off	On	On	Off
6Eh	Off	On	On	On	Off	On	On	Off
6Fh	On	On	On	On	Off	On	On	Off
70h	Off	Off	Off	Off	On	On	On	Off
71h	On	Off	Off	Off	On	On	On	Off
72h	Off	On	Off	Off	On	On	On	Off
73h	On	On	Off	Off	On	On	On	Off
74h	Off	Off	On	Off	On	On	On	Off
75h	On	Off	On	Off	On	On	On	Off
76h	Off	On	On	Off	On	On	On	Off
77h	On	On	On	Off	On	On	On	Off
78h	Off	Off	Off	On	On	On	On	Off
79h	On	Off	Off	On	On	On	On	Off
7Ah	Off	On	Off	On	On	On	On	Off
7Bh	On	On	Off	On	On	On	On	Off
7Ch	Off	Off	On	On	On	On	On	Off
7Dh	On	Off	On	On	On	On	On	Off
7Eh	Off	On	On	On	On	On	On	Off
7Fh	On	On	On	On	On	On	On	Off
80h	Off	Off	Off	Off	Off	Off	Off	On
81h	On	Off	Off	Off	Off	Off	Off	On

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LONGSHINE MICROSYSTEM, INC.
LCS-8830H-C

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
82h	Off	On	Off	Off	Off	Off	Off	On
83h	On	On	Off	Off	Off	Off	Off	On
84h	Off	Off	On	Off	Off	Off	Off	On
85h	On	Off	On	Off	Off	Off	Off	On
86h	Off	On	On	Off	Off	Off	Off	On
87h	On	On	On	Off	Off	Off	Off	On
88h	Off	Off	Off	On	Off	Off	Off	On
89h	On	Off	Off	On	Off	Off	Off	On
8Ah	Off	On	Off	On	Off	Off	Off	On
8Bh	On	On	Off	On	Off	Off	Off	On
8Ch	Off	Off	On	On	Off	Off	Off	On
8Dh	On	Off	On	On	Off	Off	Off	On
8Eh	Off	On	On	On	Off	Off	Off	On
8Fh	On	On	On	On	Off	Off	Off	On
90h	Off	Off	Off	Off	On	Off	Off	On
91h	On	Off	Off	Off	On	Off	Off	On
92h	Off	On	Off	Off	On	Off	Off	On
93h	On	On	Off	Off	On	Off	Off	On
94h	Off	Off	On	Off	On	Off	Off	On
95h	On	Off	On	Off	On	Off	Off	On
96h	Off	On	On	Off	On	Off	Off	On
97h	On	On	On	Off	On	Off	Off	On
98h	Off	Off	Off	On	On	Off	Off	On
99h	On	Off	Off	On	On	Off	Off	On
9Ah	Off	On	Off	On	On	Off	Off	On
9Bh	On	On	Off	On	On	Off	Off	On
9Ch	Off	Off	On	On	On	Off	Off	On
9Dh	On	Off	On	On	On	Off	Off	On
9Eh	Off	On	On	On	On	Off	Off	On
9Fh	On	On	On	On	On	Off	Off	On
A0h	Off	Off	Off	Off	Off	On	Off	On
A1h	On	Off	Off	Off	Off	On	Off	On
A2h	Off	On	Off	Off	Off	On	Off	On
A3h	On	On	Off	Off	Off	On	Off	On
A4h	Off	Off	On	Off	Off	On	Off	On
A5h	On	Off	On	Off	Off	On	Off	On
A6h	Off	On	On	Off	Off	On	Off	On
A7h	On	On	On	Off	Off	On	Off	On
A8h	Off	Off	Off	On	Off	On	Off	On

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
A9h	On	Off	Off	On	Off	On	Off	On
AAh	Off	On	Off	On	Off	On	Off	On
ABh	On	On	Off	On	Off	On	Off	On
ACh	Off	Off	On	On	Off	On	Off	On
ADh	On	Off	On	On	Off	On	Off	On
A Eh	Off	On	On	On	Off	On	Off	On
AFh	On	On	On	On	Off	On	Off	On
B0h	Off	Off	Off	Off	On	On	Off	On
B1h	On	Off	Off	Off	On	On	Off	On
B2h	Off	On	Off	Off	On	On	Off	On
B4h	Off	Off	On	Off	On	On	Off	On
B5h	On	Off	On	Off	On	On	Off	On
B6h	Off	On	On	Off	On	On	Off	On
B7h	On	On	On	Off	On	On	Off	On
B8h	Off	Off	Off	On	On	On	Off	On
B9h	On	Off	Off	On	On	On	Off	On
BAh	Off	On	Off	On	On	On	Off	On
BBh	On	On	Off	On	On	On	Off	On
BCh	Off	Off	On	On	On	On	Off	On
BDh	On	Off	On	On	On	On	Off	On
BEh	Off	On	On	On	On	On	Off	On
BFh	On	On	On	On	On	On	Off	On
C0h	Off	Off	Off	Off	Off	Off	On	On
C1h	On	Off	Off	Off	Off	Off	On	On
C2h	Off	On	Off	Off	Off	Off	On	On
C3h	On	On	Off	Off	Off	Off	On	On
C4h	Off	Off	On	Off	Off	Off	On	On
C5h	On	Off	On	Off	Off	Off	On	On
C6h	Off	On	On	Off	Off	Off	On	On
C7h	On	On	On	Off	Off	Off	On	On
C8h	Off	Off	Off	On	Off	Off	On	On
C9h	On	Off	Off	On	Off	Off	On	On
CAh	Off	On	Off	On	Off	Off	On	On
CBh	On	On	Off	On	Off	Off	On	On
CCh	Off	Off	On	On	Off	Off	On	On
CDh	On	Off	On	On	Off	Off	On	On
CEh	Off	On	On	On	Off	Off	On	On
CFh	On	On	On	On	Off	Off	On	On
D0h	Off	Off	Off	Off	On	Off	On	On
D1h	On	Off	Off	Off	On	Off	On	On

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LONGSHINE MICROSYSTEM, INC.
LCS-8830H-C

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
D2h	Off	On	Off	Off	On	Off	On	On
D3h	On	On	Off	Off	On	Off	On	On
D4h	Off	Off	On	Off	On	Off	On	On
D5h	On	Off	On	Off	On	Off	On	On
D6h	Off	On	On	Off	On	Off	On	On
D7h	On	On	On	Off	On	Off	On	On
D8h	Off	Off	Off	On	On	Off	On	On
D9h	On	Off	Off	On	On	Off	On	On
DAh	Off	On	Off	On	On	Off	On	On
DBh	On	On	Off	On	On	Off	On	On
DCh	Off	Off	On	On	On	Off	On	On
DDh	On	Off	On	On	On	Off	On	On
DEh	Off	On	On	On	On	Off	On	On
DFh	On	On	On	On	On	Off	On	On
E0h	Off	Off	Off	Off	Off	On	On	On
E1h	On	Off	Off	Off	Off	On	On	On
E2h	Off	On	Off	Off	Off	On	On	On
E3h	On	On	Off	Off	Off	On	On	On
E4h	Off	Off	On	Off	Off	On	On	On
E5h	On	Off	On	Off	Off	On	On	On
E6h	Off	On	On	Off	Off	On	On	On
E7h	On	On	On	Off	Off	On	On	On
E8h	Off	Off	Off	On	Off	On	On	On
E9h	On	Off	Off	On	Off	On	On	On
EAh	Off	On	Off	On	Off	On	On	On
EBh	On	On	Off	On	Off	On	On	On
ECh	Off	Off	On	On	Off	On	On	On
EDh	On	Off	On	On	Off	On	On	On
EEh	Off	On	On	On	Off	On	On	On
EFh	On	On	On	On	Off	On	On	On
F0h	Off	Off	Off	Off	On	On	On	On
F1h	On	Off	Off	Off	On	On	On	On
F2h	Off	On	Off	Off	On	On	On	On
F3h	On	On	Off	Off	On	On	On	On
F4h	Off	Off	On	Off	On	On	On	On
F5h	On	Off	On	Off	On	On	On	On
F6h	Off	On	On	Off	On	On	On	On
F7h	On	On	On	Off	On	On	On	On
F8h	Off	Off	Off	On	On	On	On	On
F9h	On	Off	Off	On	On	On	On	On

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STATION ADDRESS SELECT(CONTINUED)								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
FAh	Off	On	Off	On	On	On	On	On
FBh	On	On	Off	On	On	On	On	On
FCh	Off	Off	On	On	On	On	On	On
FDh	On	Off	On	On	On	On	On	On
FEh	Off	On	On	On	On	On	On	On
FFh	On	On	On	On	On	On	On	On

BOOT ROM	
Setting	JP2
Disabled	Open
Enabled	Closed

BASE MEMORY ADDRESS SELECT						
ROM Address	RAM Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
0 D2000 - D3FFFh	D0000 - D07FFh	On	On	Off	Off	On
C2000 - C3FFFh	C0000 - C07FFh	On	On	On	On	On
C2000 - C3FFFh	C0800 - C0FFFh	Off	On	On	On	On
C2000 - C3FFFh	C1000 - C17FF	On	Off	On	On	On
C2000 - C3FFFh	C1800 - C1FFFh	Off	Off	On	On	On
C6000 - C7FFFh	C4000 - C47FFh	On	On	Off	On	On
C6000 - C7FFFh	C4800 - C4FFFh	Off	On	Off	On	On
C6000 - C7FFFh	C5000 - C57FFh	On	Off	Off	On	On
C6000 - C7FFFh	C5800 - C5FFFh	Off	Off	Off	On	On
CE000 - CFFFh	CC000 - CC7FFh	On	On	On	Off	On
CE000 - CFFFh	CC800 - CCFFFh	Off	On	On	Off	On
CE000 - CFFFh	CD000 - CD7FFh	On	Off	On	Off	On
CE000 - CFFFh	CD800 - CDFFFh	Off	Off	On	Off	On
D2000 - D3FFFh	D0800 - D0FFFh	Off	On	Off	Off	On
D2000 - D3FFFh	D1000 - D17FFh	On	Off	Off	Off	On
D2000 - D3FFFh	D1800 - D1FFFh	Off	Off	Off	Off	On
D6000 - D7FFFh	D4000 - D47FFh	On	On	On	On	Off

Chapter 5: Jumper Settings

D6000 - D7FFFh	D4800 - D4FFFh	Off	On	On	On	Off
D6000 - D7FFFh	D5000 - D57FFh	On	Off	On	On	Off
D6000 - D7FFFh	D5800 - D5FFFh	Off	Off	On	On	Off
DA000 - DBFFFh	D8000 - D87FFh	On	On	Off	On	Off
DA000 - DBFFFh	D8800 - D8FFFh	Off	On	Off	On	Off
DA000 - DBFFFh	D9000 - D97FFh	On	Off	Off	On	Off

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BASE MEMORY ADDRESS SELECT(CONTINUED)						
ROM Address	RAM Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
DA000 - DBFFFh	D9800 - D9FFFh	Off	Off	Off	On	Off
DE000 - DFFFFh	DC000 - DC7FFh	On	On	On	Off	Off
DE000 - DFFFFh	DC800 - DCFFFh	Off	On	On	Off	Off
DE000 - DFFFFh	DD000 - DD7FFh	On	Off	On	Off	Off
DE000 - DFFFFh	DD800 - DDFFFh	Off	Off	On	Off	Off
E2000 - E3FFFh	E0000 - E07FFh	On	On	Off	Off	Off
E2000 - E3FFFh	E0800 - E0FFFh	Off	On	Off	Off	Off
E2000 - E3FFFh	E1000 - E17FFh	On	Off	Off	Off	Off
E2000 - E3FFFh	E1800 - E1FFFh	Off	Off	Off	Off	Off

TIMEOUT CONFIGURATION				
Response Time(μsec)	Idle Time(μsec)	Reconfiguration Time(msec)	JP3/A	JP3/B
78	86	840	Open	Open
285	316	1680	Closed	Open
563	624	1680	Open	Closed
1130	1237	1680	Closed	Closed

I/O ADDRESS SELECT			
Address	SW2/6	SW2/7	SW2/8
2E0 - 2EFh	On	Off	On
260 - 26Fh	On	On	On
290 - 29Fh	Off	On	On
2F0 - 2FFh	Off	Off	On
300 - 30Fh	On	On	Off
350 - 35Fh	Off	On	Off
380 - 38Fh	On	Off	Off
3E0 - 3EFh	Off	Off	Off

INTERRUPT SELECT					
IRQ	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E
IRQ2	Closed	Open	Open	Open	Open
IRQ3	Open	Closed	Open	Open	Open
IRQ4	Open	Open	Closed	Open	Open
IRQ5	Open	Open	Open	Closed	Open
IRQ7	Open	Open	Open	Open	Closed

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LONGSHINE MICROSYSTEM, INC.
LCS - 8830H - C

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DIAGNOSTIC LED(s)			
LED	Color	Status	Condition
LED1	Red	Off	No power is being supplied to adapter
LED1	Red	On	Power is being supplied to adapter
LED2	Green	Off	Data is not being transmitted/received through port 1
LED2	Green	On	Data is being transmitted/received through port 1
LED3	Green	Off	Data is not being transmitted/received through port 2
LED3	Green	On	Data is being transmitted/received through port 2
LED4	Green	Off	Data is not being transmitted/received through port 3
LED4	Green	On	Data is being transmitted/received through port 3
LED5	Green	Off	Data is not being transmitted/received through port 4
LED5	Green	On	Data is being transmitted/received through port 4