Hitachi SX16H003-ZZA

Model	SX16H003
Manufacturer	Hitachi
Resolution	640x240
Number of Colors	Color
Technology	STN-Color
Interface	Digital

Filename	LC_SX16H.XXX
Bios code	EL
Bios/Table version	V1.0/V1.0
Used Controller	69000
Date of adaption	11.02
Size	6.2“

Notes

LCD signal	LCD connector pin	Controller signal
FLM	1	FLM
CL1	3	LP
CL2	5	CLK
DISP.OFF	17	EVDD*
VDD	6,18	EVDD*
VCON	19	Ext. 0.8 – 2.8 V.
VSS	2,4,7,12,20	GND
D0	8	P11
D1	9	P10
D2	10	P9
D3	11	P8
D4	13	P3
D5	14	P2
D6	15	P1
D7	16	P0

Voltage description	Voltage level	Maximum current	Note
VDD	+3.3 DC		
VCON	+0.8 to +2.8V DC		

* The voltages for the lcd have to be switched in correct power-up and -down sequence. Use EVDD pin on the board to switch the external generated VEE. On some boards, this output is in TTL level only. An external fet or relais is needed for save switching of VEE. **Never connect VEE direct to the board or LCD!** Ask Digital-Logic LCD-Support for further informations