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Sharp LM64K103

Model	LM64K103
Manufacturer	Sharp
Resolution	640x480
Number of Colors	Mono
Technology	STN-Mono
Interface	Digital

Filename	LC_MONO.XXX
Bios code	AA
Bios/Table version	V1.0/V1.0
Used Controller	535/540/545/548/69000
Date of adaption	06.04
Size	7.4“

Notes

LCD signal	LCD connector pin	Controller signal
CP2	3	CLK
Scan Start	1	FLM
CP1	2	LP
VEE*	7	EVEE*
VDD	4,5	EVDD
VSS	6	GND
LD0	12	P7
LD1	13	P6
LD2	14	P5
LD3	15	P4
UD0	8	P3
UD1	9	P2
UD2	10	P1
UD3	11	P0

Voltage description	Voltage level	Maximum current	Note
VDD	+5V DC	35mA	
VEE	-18.7V DC	28mA	

* The voltages for the lcd have to be switched in correct power-up and -down sequence. Use EVEE 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.

This LCD is compatible with the following types:

Sharp	LM64P831
Sharp	LM65P83L
Sharp	LM64P839
Sharp	LM64K103
Sanyo	LCM-5541-32NTK
Hitachi	LMG5320XUFC

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