Sharp LM32K071

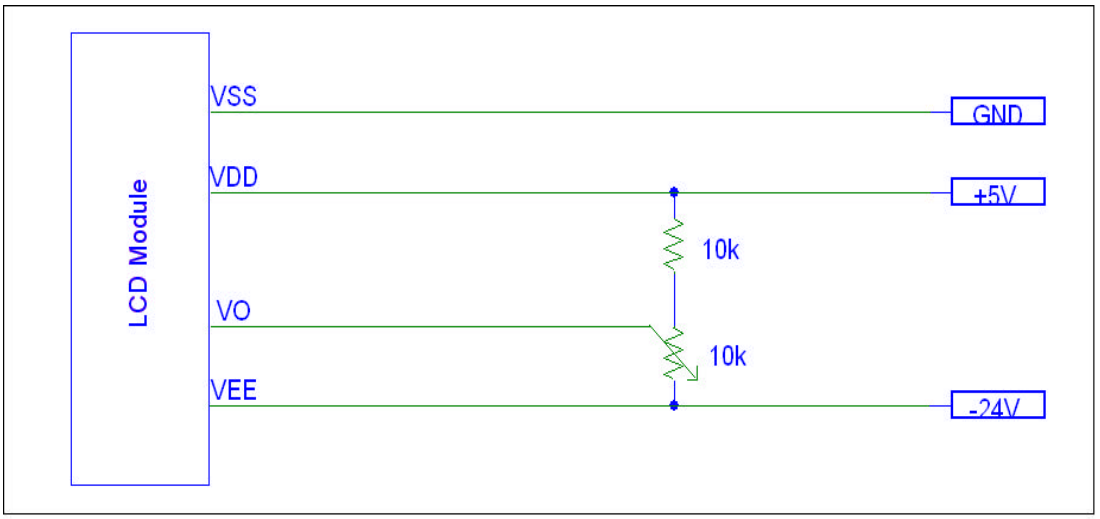
Model	LM32K071
Manufacturer	Sharp
Resolution	320x240
Number of Colors	Mono
Technology	STN-Mono
Interface	Digital

Filename	LC_32K71.XXX
Bios code	A5
Bios/Table version	V1.0/V1.0
Used Controller	548
Date of adaption	03.99
Size	5,7“

Notes

LCD signal	LCD connector pin	Controller signal
CP2	10	CLK
S	12	FLM
CP1	11	LP
VEE*	2	EVEE*
VDD	9	EVDD
VSS	8	GND
VO	1	LCD Contrast
D0	6	P3
D1	5	P2
D2	4	P1
D3	3	P0

Voltage description	Voltage level	Maximum current	Note
VCC	+5V DC	18mA	
VEE	-24V DC	14.4mA	

* 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.

LCD-Contrast Adjust Circuit