Citizen G3242H-FF

Model	G3224H-FF		Filename	LC_G3242.XXX
Manufacturer	Citizen		**Bios code**	OA
Resolution	320x240		**Bios/Table version**	V1.0/V1.0
Number of Colors	Mono		**Used Controller**	535/540/545/548
Technology	STN-Mono		**Date of adaption**	3.97
Interface	Digital		**Size**	6,0"

Notes

LCD signal	LCD connector pin	Controller signal
CP	10	CLK
FRAM	12	FLM
LOAD	11	LP
VEE*	2	EVEE*
VCC	9	EVDD
VDD	8	GND
VO	1	
D0	6	P3
D1	5	P2
D2	4	P1
D3	3	P0

Voltage description	Voltage level	Maximum current	Note
VDD	+5V DC	15mA	
VEE	-24V DC	15mA	

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.

For contrast adjustment connect a 10kOhm potentiometer between VEE and VDD. Connect the wiper to VO of LCD (pin 1).