

**Citizen K6488L-FF**

<b>Model</b>	K6488L-FF
<b>Manufacturer</b>	Citizen
<b>Resolution</b>	640x480
<b>Number of Colors</b>	Color
<b>Technology</b>	STN-Color
<b>Interface</b>	Digital

<b>Filename</b>	LC_K6488.XXX
<b>Bios code</b>	OB
<b>Bios/Table version</b>	V1.0/V1.0
<b>Used Controller</b>	540/545
<b>Date of adaption</b>	3.97
<b>Size</b>	8,4"

LCD signal	LCD dual connector pin	Controller signal
CP	29	CLK
Load	27	LP
Frame	26	FLM
Disp off	5	EVEE
VAA*	3	EVEE*
VDD	2,4	EVDD
VSS	1,7,16,25,28,30	GND
LD0	24	P15
LD1	23	P14
LD2	22	P13
LD3	21	P12
UD0	15	P11
UD1	14	P10
UD2	13	P9
UD3	12	P8
LD4	20	P7
LD5	19	P6
LD6	18	P5
LD7	17	P4
UD4	11	P3
UD5	10	P2
UD6	9	P1
UD7	8	P0

Voltage description	Voltage level	Maximum current	Note
VDD	+5V DC	TBD	
VAA	<b>+15 to +27V DC</b>	TBD	

\* 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.