

Appendix B: INMP001 Specs

SPECIFICATIONS FOR LCD INMP0001 Panel

Resolution: 320x240 Pixels
Effective area: 9cm x 7cm"
Display Type: Positive Grey Transflexive
Backlight: Electroluminescent
(with built in HV supply)

Pin No.	Name	INMP0001 Panel
1	VSS	Gnd for Power Supply for LCD
2	DIN	Scan Start-up signal (V _{ert})
3	VSS	Gnd for Power Supply for LCD
4	LP	Latch Pulse for Horizontal
5	VSS	Gnd for Power Supply for LCD
6	XSCL	XSCL - X Scan Column Clock
7	VSS	Gnd for Power Supply for LCD
8	FR	Input AC Waveform for LCD
9	VSS	Gnd for Power Supply for LCD
10	D0	Display Data signal Bit 0
11	VDD	Power Supply for logic (+5v)
12	D1	Display Data signal Bit 1
13	VDD	Power Supply for logic (+5v)
14	D2	Display Data signal Bit 2
15	VDD	Power Supply for logic (+5v)
16	D3	Display Data signal Bit 3
17	VSS	Gnd for Power Supply for LCD
18	/LEN	LCD Enable
19	VSS	Gnd for Power Supply for LCD
20	CUP	Contrast Up
21	VSS	Gnd for Power Supply for LCD
22	CDN	Contrast Down
23	NC	No Connection
24	Vel	EL Backlight Power (+6 to 12Vdc)
25	Vel	EL Backlight Power (+6 to 12Vdc)
26	NC	No Connection
27	FGnd	Frame/Backlight Ground
28	FGnd	Frame/Backlight Ground
29	BLen	Backlight enable (active high)
30	BLbr	Backlight Brightness

