



Appendix

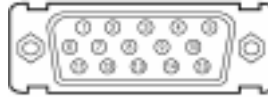






App. A PIN ASSIGNMENTS

MINI D-SUB 15 P



Pin No.	LCD1510+, LCD1510V+
1	RED
2	GREEN
3	BLUE
4	NO-CONNECTION
5	GROUND
6	GROUND
7	GROUND
8	GROUND
9	+5V (DDC)
10	GROUND
11	GROUND
12	SDA
13	H.SYNC, H/V.SYNC
14	V.SYNC
15	SCL

**App. B Preset Signal Timing LCD1510+**

Preset	Resolution	Vertical Frequency (Hz)	Horizontal Frequency (kHz)	Pixel Frequency (MHz)
1	640 x 400	56.42	24.83	21.05
2	640 x 480	59.99	31.47	25.18
3	720 x 350	70.09	31.47	28.32
4	720 x 400	70.09	31.47	28.32
5	800 x 600	56.25	35.16	36.00
6	800 x 600	60.32	37.88	40.00
7	640 x 480	66.67	35.00	30.24
8	640 x 480	72.81	37.86	31.50
9	640 x 480	75.00	37.50	31.50
10	800 x 600	75.00	46.88	49.50
11	1024 x 768	60.00	48.36	65.00
12	800 x 600	72.19	48.08	50.00
13	832 x 624	74.55	49.73	57.28
14	1024 x 768	70.07	56.48	75.00
15*	1024 x 768	75.03	60.02	78.75

* Recommended timing



**App. B Preset Signal Timing LCD1510V+**

Preset	Resolution	Vertical Frequency (Hz)	Horizontal Frequency (kHz)	Pixel Frequency (MHz)
1	640 x 400	56.42	24.83	21.05
2	640 x 480	59.99	31.47	25.18
3	720 x 350	70.09	31.47	28.32
4	720 x 400	70.09	31.47	28.32
5	800 x 600	56.25	35.16	36.00
6	800 x 600	60.32	37.88	40.00
7	640 x 480	66.67	35.00	30.24
8	640 x 480	72.81	37.86	31.50
9	640 x 480	75.00	37.50	31.50
10	720 x 350	85.04	37.93	35.50
11	720 x 400	85.04	37.93	35.50
12	800 x 600	75.00	46.88	49.50
13	640 x 480	85.01	43.27	36.00
14	1024 x 768	60.00	48.36	65.00
15	800 x 600	72.19	48.08	50.00
16	832 x 624	74.55	49.73	57.28
17	800 x 600	85.06	53.67	56.25
18	1024 x 768	70.07	56.48	75.00
19*	1024 x 768	75.03	60.02	78.75

* Recommended timing