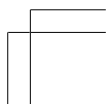
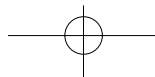
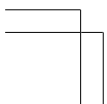
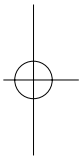
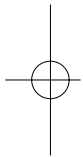
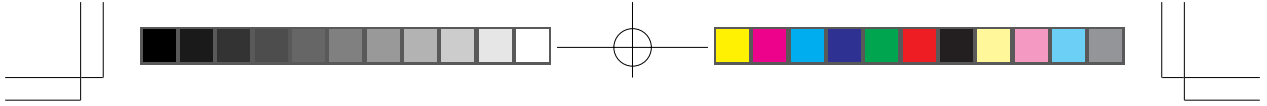


## Appendix





## App. A PIN ASSIGNMENTS

MINI D-SUB 15 P



| Pin No. | LCD1525S         |
|---------|------------------|
| 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**

| Preset | Resolution  | Vertical<br>Frequency (Hz) | Horizontal<br>Frequency (kHz) | Pixel<br>Frequency (MHz) |
|--------|-------------|----------------------------|-------------------------------|--------------------------|
| 1      | 640 x 400   | 56.43                      | 24.83                         | 21.05                    |
| 2      | 640 x 480   | 59.99                      | 31.47                         | 25.18                    |
| 3      | 640 x 350   | 70.09                      | 31.47                         | 25.18                    |
| 4      | 640 x 400   | 70.09                      | 31.47                         | 25.18                    |
| 5      | 800 x 600   | 56.25                      | 35.16                         | 36.00                    |
| 6      | 800 x 600   | 60.32                      | 37.88                         | 40.00                    |
| 7      | 640 x 480   | 66.61                      | 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  | 60.00                      | 52.45                         | 70.49                    |
| 15     | 1280 x 960  | 60.00                      | 60.00                         | 108.00                   |
| 16     | 1024 x 768  | 70.07                      | 56.48                         | 75.00                    |
| 17     | 1024 x 768  | 75.03                      | 60.02                         | 78.75                    |
| 18*    | 1280 x 1024 | 60.02                      | 63.98                         | 108.00                   |
| 19     | 1280 x 1024 | 67.19                      | 71.69                         | 117.00                   |
| 20     | 1280 x 960  | 75.00                      | 75.00                         | 126.00                   |
| 21     | 1280 x 1024 | 75.03                      | 79.98                         | 135.00                   |
| 22     | 1280 x 1024 | 76.11                      | 81.13                         | 135.00                   |

\*Recommended timing