Pacific Display Devices
– 139 Avenida Victoria – Suite 100 – San Clemente, CA – 92672 – Tel: 949-361-8957 – Fax: 949-361-9158 – http://www.pacificdisplay.com –

LCD Custom Module Worksheet

Please use "LCD Design Basics" from our Website when completing this form

1. Customer Information:

Company: _____

Contact: _____

Address: _____

_____

Phone: _____

Email: _____

2. Display Image

☐ Character Display (5x7 matrix) → Lines by Characters: _____

☐ Graphic Array → Dot Array Size: _____

☐ Character Segments → Number of Segments: _____

☐ Icons → Number of Icons: _____

3. Technology

Display: ☐ TN ☐ STN ☐ FSTN ☐ DSTN ☐ Other _____

☐ STN → {STN Color: ☐ Green ☐ Gray ☐ Blue Negative}

Mode: ☐ Positive Image ☐ Negative Display ☐ Other _____

4. Viewing Mode & Polarizers

☐ Reflective ☐ Transflective ☐ Transmissive

☐ Commercial ☐ Industrial

5. Viewing Angle

☐ 6:00 (Bottom) ☐ 12:00 (Top) ☐ 3:00 (Right) ☐ 9:00 (Left)

6. Drive Method

☐ Static (1:1) ☐ Multiplex: → Multiple rate: _____

7. Logic Interface Voltage

☐ 3.3V ☐ 5V ☐ Other _____

8. Temperature Range

Operational Temperature: _____

Storage Temperature: _____

9. Controller Technology:

☐ COG (Chip on Glass) ☐ SMT (Surface Mount Tech) ☐ COB (Chip on Board)
☐ TCP (Tape Carrier Package) ☐ Other _____

10. LCD Module Interface:

Hardware:

☐ Parallel Interface ☐ Serial Interface ☐ Other _____

_____

_____

☐ PCB Pads: _____
☐ Cable, Inches: _____
☐ Header, Type: _____
☐ Other _____

Controller:

☐ Character Display, 5x7 dot matrix chars, X lines by Y Characters, Controller: S6A0070 Typical
☐ Character Display, Other: _____
☐ Graphic Display, SED1335 Controller w/ 32SRAM
☐ Graphic Display, T6963C Controller w/ 32SRAM
☐ Graphic Display, Other: _____
☐ Graphic Display, Segment and Common drivers only
☐ Graphic Display, Other: _____
☐ Other _____

11. Backlight:

☐ None
☐ LED - Edge ☐ LED - Array ☐ 5V ☐ 12V ☐ LED Other:_____
☐ Color: Yel / Grn ☐ Color: White ☐ Other:_____
☐ EL Panel ☐ Color: Blue ☐ Color: White ☐ Other:_____
☐ Built in EL Power Inverter
☐ CCFL ☐ Built in CCFL Power Inverter
☐ Other: _____

_____

_____

12. LCD Glass Color Filters

☐ No Color ☐ LCD Color Enhancements:

Please specify any application of color to the segments defined in your display:

_____

_____

_____

13. LCD Glare Filter

☐ No Film ☐ Anti-Reflective/Glare Film

14. LCD Glass Physical Dimensions

Module Overall Dimensions _____

Module Overall Thickness: _____

DisplayViewing Area: _____

DisplayActive Area: _____

Please attach any mechanical prints to better define your custom LCD application to better insure an accurate quote from Pacific Display Devices.

15. Other Options:

☐ None ☐ Internal Vee Generator

☐ Touch Screen ☐ Touch Screen Controller

☐ Internal Contrast Temperature Compensation

☐ Other: _____

_____

_____

_____

16. Production Requirements

Quotation Quantities: _____

Prototype and Production Dates: _____

17. Remarks:

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