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: __________
- [ ] Color: Blue
- [ ] Color: White
- [ ] Other: __________
- [ ] Built in EL Power Inverter
- [ ] Built in CCFL Power Inverter
- [ ] CCFL
- [ ] 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: ____________________________
    Display Viewing Area: ____________________________
    Display Active 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:
    __________________________________________________
    __________________________________________________
    __________________________________________________
    __________________________________________________
    __________________________________________________
    __________________________________________________