



FocusLCDs.com

Low Cost, In Stock - Custom & Standard Displays

162 W. Boxelder Place, Suite 1, Chandler, AZ 85225 USA

DISPLAY SOLUTIONS

TFT | VATN | GRAPHIC | CHARACTER
SEGMENT | REPLACEMENT | CUSTOM

Focus On Simplicity



ISO 9001
Registered

Quality
Management

480-503-4295
nopp@FocusLCD.com

USA
BASED SUPPLIER

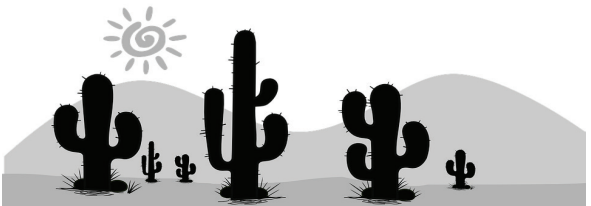
Company Profile

The FocusLCD's Story

Focus Display Solutions, Inc. (AKA Focus LCD's) is a ISO 9001:2015 registered company headquartered in Chandler, Arizona. The company was started in 2000 with one engineer, one customer, and one LCD.

Why make Focus your choice for new product designs?

We are EXPERIENCED, so you don't have to be. Since 2000, all we have focused on are displays, not PCBs, transformers, power supplies or relays. We live, breath and supply only display technology. You'll have LCD Solutions and Answers ASAP.





TFT Displays

TFT's (thin film transistors) are multi-color modules that display graphics, characters, and video. Your product will stand out with the vibrant and dynamic qualities of a TFT. They are used in cell phones, tablets, cameras and much more.



- Touch panel can be added (capacitive, resistive, pcap)
- Brightness (nits) can be increased
- Customizable FPC cables, LED back-lights, bezels, and touch panels
- Sunlight readable options available**

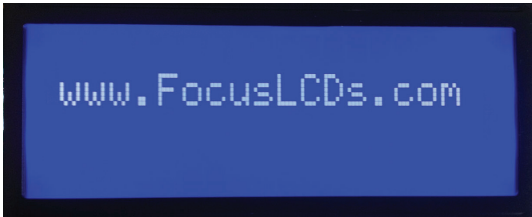
- In stock for immediate delivery
- Built-in controller for quick integration
- Great for longterm projects
- Multiple interface options available

Scan with phone to visit web page.

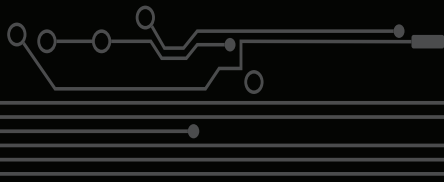


Character LCD

Character LCD displays (AKA alpha-numeric) have been in use for many years. They can display any letter (caps and lower case), number, and punctuation mark. Character displays can be manufactured with additional font tables to display in a variety of languages.



We now offer Character displays with an RGB backlight, these are available in positive and negative modes. If you are unsure what color you prefer for your design RGB displays are a great way to go.



Value added benefits:

- Low cost to customize
- Positive and negative mode option
- Excellent for dark and direct sunlight
- Short lead time
- Built-in Controller and character library for quick integration
- Great for low power needs

Available with Custom or Standard options

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VATN Displays

VATN (Vertical Align Twisted Nematic) is similar to EBT technology. This new type of fluid technology provides a wider viewing angle and brighter backlight than older TN fluids. At this time VATN is available on segment and select character displays.



Value added benefits:

- Bright and attention getting
- Very wide viewing angle
- Low cost to customize
- Heater available
- Touch panel available
- Low MOQs

Available with Custom or Standard options

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Graphics

Dot Matrix displays have the ability to generate graphics for applications that require more than alphanumeric characters.



Value added benefits:

- Sunlight Readable available
- Wide temperature range available
- Choice of backlight color
- Positive & Negative display options
- Fully Customizable
- In Stock for immediate delivery

Available with Custom or Standard options

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Segment

Segment displays are the lowest cost display technology and require the lowest investment cost for tooling. These displays can be customized to make your application unique. They can display numbers, icons, and a few select characters.



Value added benefits:

- Ultra low power consumption
- Low MOQs
- Short design cycle
- Wide operating temperature

Available with Custom or Standard options

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Replacement

It *is* possible to reverse engineer a discontinued LCD

Replacement displays can be designed and tooled to replace discontinued displays from other manufacturers. We receive a number of requests asking for an exact, drop-in equivalent replacement for a LCD module that has been discontinued, or the previous LCD supplier no longer provides.



Since 2000, we have helped customers replace their discontinued LCD; providing the customer a source of drop-in-equivalent displays for production and/or repairs.

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Custom Designs

A custom LCD is any display that is designed and built according to the customer's requirements. The custom display is owned by the customer and cannot be sold without the customer's permission.

Custom options include:

- Touch panel
- Backlight color
- Heater
- Unique size
- Low power budget
- Addition of interface

**Call us today to discuss
your custom display
480-503-4295**

email: NOPP@FocusLCD.com

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visit web page.



Why Focus?

Over the years we've handled many unique display requirements including:

- Low-power budgets
- Extreme temperature ranges
- Sunlight readable designs
- Customized touch screens
- Multiple Interfaces
- Heaters
- Multi-language modules
- High brightness
- Wide viewing angles

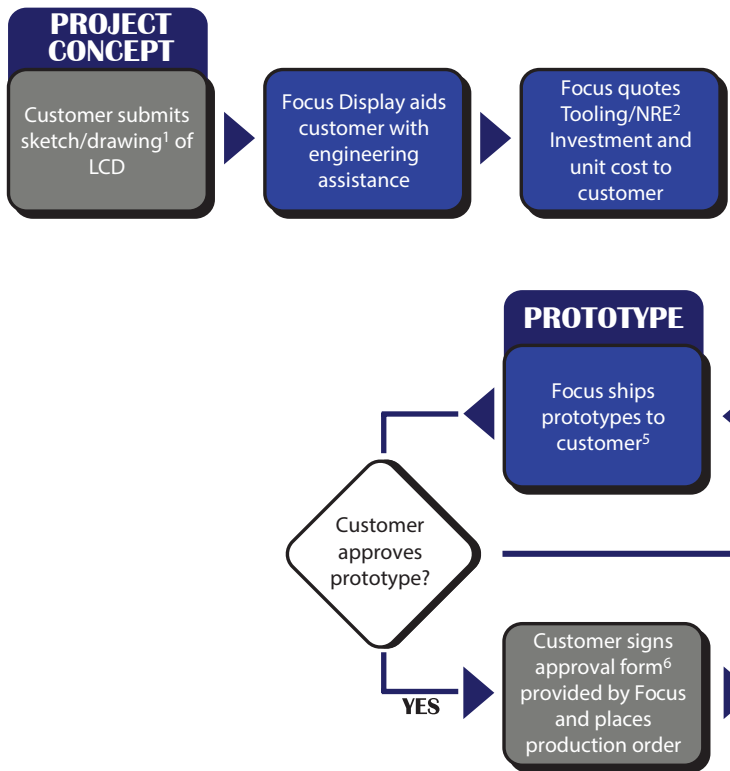


Swift Delivery- You'll get your shipment faster. All standard products are in stock and ready to ship to you.

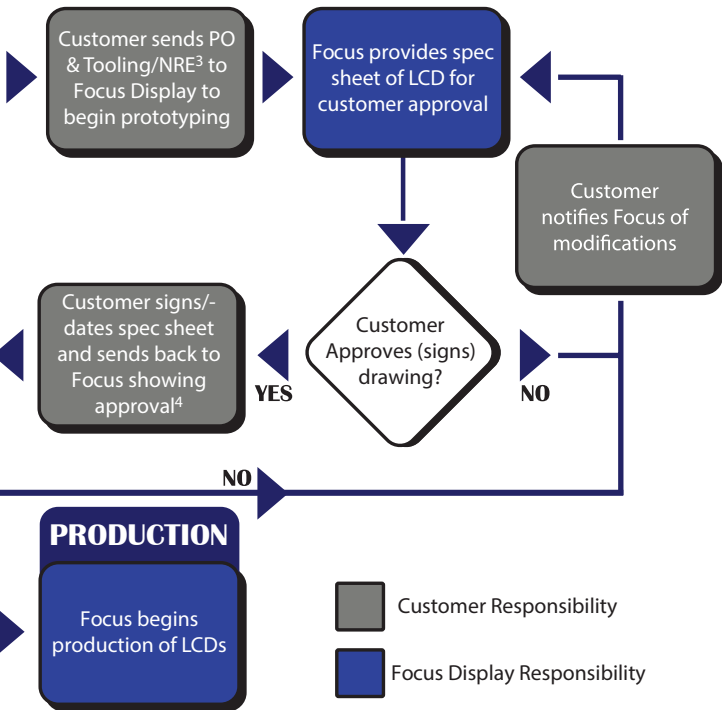
Expedited prototyping- You'll get your prototypes sooner. Counter drawings in days and samples delivered in weeks after approval of drawing.

We specialize in custom displays -Call us today!

Custom Design Flow Chart



1. The format of the drawing is not critical. The more details the better.
2. **NRE** stands for Non-recurring Engineering. This is a one-time cost.
3. Tooling/NRE investment funds are to be paid in advance.
4. Counter drawing must be signed off by the customer before production.
5. Lead time is based on a quote from Focus Displays (lead time).
6. Approval Form, also called the Acceptance Sign Off Form, is provided by Focus and signed off by the customer's requirements.
7. Deliver displays to customer.



details and dimension you can provide the better.
one-time investment & does not need to be paid again.
Focus Display to begin the building of the samples.
before the building of samples can begin.
(lead time is subject to change without notice).
Focus Display, notifies Focus Display that the samples meet the

Support

We find that the key to making a project run smoothly and efficiently is by providing quick and responsive support. We accomplish this by answering your questions ASAP, usually within one business day, if not the same day.

If you have a problem developing our display we have engineers available to help. We also provide tools to help you integrate our displays into your project as quickly as possible.

We have the knowledge, the tools, and the people to help your next project be successful.



Contact us today!

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