

# Unlock the power of Display Technology

- ✓ LCD Technology
- ✓ OLED Technology
- ✓ TFT Technology
- ✓ E-Paper Technology
- ✓ Custom Solutions



**Let's create the perfect display solution together!**

# TOP's HIGH-TECH PARTNERS

## Innovation, quality & expert support in Display Technology

Display technology powers countless applications, from industrial automation and medical devices to consumer electronics and automotive systems.

At TOP-electronics, we go beyond simply supplying displays. We provide advanced technologies, trusted partnerships, and expert support to ensure the perfect fit for your application.

From standard to custom modules, we support your innovation at every stage. Partnering with world-leading manufacturers, we cover the full spectrum of key display technologies to meet your exact needs.

Each Display Technology has its unique advantages, and our Product Management team and Application Engineers are ready to guide you in selecting the optimal technology for your application. From concept to full-scale production.

*Let's bring your display vision to life.*

				
LCD Technology	LCD Technology		LCD Technology	LCD Technology
PMOLED Technology	PMOLED Technology		PMOLED Technology	PMOLED Technology
AMOLED Technology		AMOLED Technology	AMOLED Technology	
TFT Technology	TFT Technology	TFT Technology	TFT Technology	TFT Technology
E-Paper Technology			E-Paper Technology	E-Paper Technology
	Smart Displays (UART, CANbus, RS485)			
Quick turnaround times		Incredibly short lead-times	Fast turnarounds with a personal touch	Strong global presence
Low NREs	Global reputation	"no EOL" policy	Factory fitted cable and connector solutions	Tailored to exact customer requirements
Low MOQs	Design expertise	Low MOQs	Complete, tailored display solutions	Experienced design and development team

## LCD Technology

Traditional LCD products are seen as a "workhorse" but they still have a place in some new designs. TOP-electronics is able to offer TN, STN and FSTN technologies in a range of standard character and small graphics modules.

As a mature technology, the NRE costs are now very low, so many customers choose to discuss going down the custom path, to ensure they get a display that is perfect for their application.

- Character Modules
- Graphics Modules
- Custom Glass
- Standard
- Semi / Full Custom
- Custom MVA



**We love to connect... engineers and technology**

# OLED Technology

An emissive technology with overall low power consumption and extended operating temperatures, this technology is being used in many new applications.

TOP-electronics can offer both PMOLED (Passive) and AMOLED (Active) products, as well as relevant interface boards as required. As well as a full range of standard products, TOP-electronics can assist customers with semi and fully custom solutions, with rapid prototyping and low NRE costs.



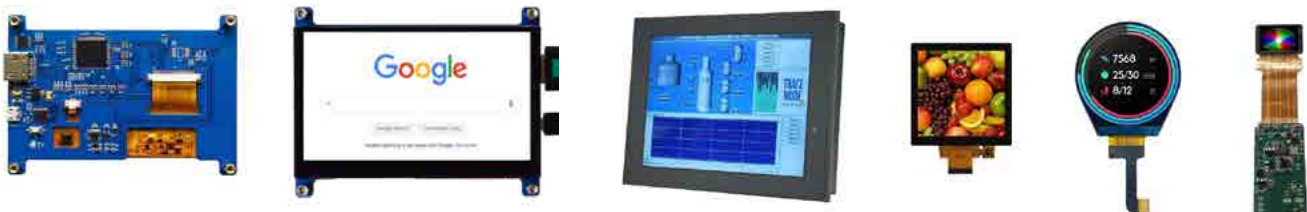
- PMOLED
- AMOLED

# TFT Technology

TFT displays, available in sizes from 0.96" to 100", offer high yields, efficient manufacturing, and cost-effective solutions. Beyond industry-standard sizes, displays can be easily customized. From FPC modifications and backlight adjustments to touch panel integration.

A range of Smart Displays with built-in CANbus, RS485, and UART interfaces is available, helping to reduce development time, accelerate time-to-market, and simplify integration into complex systems. Available display technologies include TN, IPS, Transflective, and TFT slicing for bar-type displays, ensuring optimal performance under varying lighting conditions.

- 0.96" ~ 100"
- Micro 0.23" ~ 1.03"
- Driver Boards
- Coverglass
- Touchscreen
- Monitors
- Smart Displays (UART, CANbus, RS485)



# E-ink / E-paper Technology

Designed to look like ink on paper, this Technology is ultra-low power. Traditionally used in e-readers and on shelf edge labelling, this technology is now breaking through to Industrial, Consumer and Medical markets.

Available as either monochrome, tri-color or full color, this reflective Technology is becoming more and more popular.

- Bi-Color & Tri Color
- 7 Color
- Low Temp (-25C)
- Flexible Technology

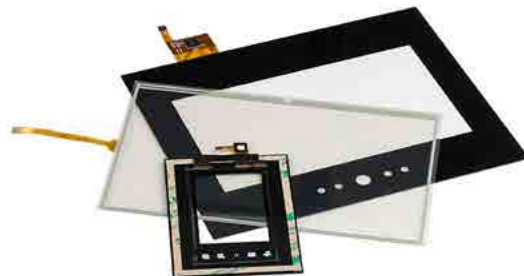


# Custom Solutions

Whilst our partners offer a wide range of standard products, there are times when a more bespoke solution is required.

From something as straight forward as adding a cable/connector or changing a backlight on an LCD, to offering a full custom coverglass/touchscreen solution on an OLED or TFT display you can be confident we can fully support.

Our experienced Product Management team, in conjunction with the R&D departments of our partners work closely to ensure that every aspect of the design is fully checked, and the perfect solution is delivered.



- Coverglass
- Touchscreens
- Cables

## Comprehensive Display Solutions for diverse applications

With our extensive display portfolio, we deliver high-performance solutions for a wide range of industries:

### Industrial & Medical

Rugged, high-brightness, and touch-enabled displays designed for demanding and critical environments.

### Automotive & Transportation

High-contrast, durable displays built for dashboard, infotainment, and navigation systems.

### Consumer & IoT

Energy-efficient, vibrant displays optimized for next-generation smart devices and connected technologies.

### Telecommunication

Reliable, high-visibility displays for network infrastructure and communication systems.

At TOP-electronics, we go beyond supplying displays. We provide expert support, cutting-edge technologies, and trusted supplier partnerships to ensure the perfect fit for your application.

*Let's create the ideal display solution together!*



## Let's connect! Together we drive your innovation forward!

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