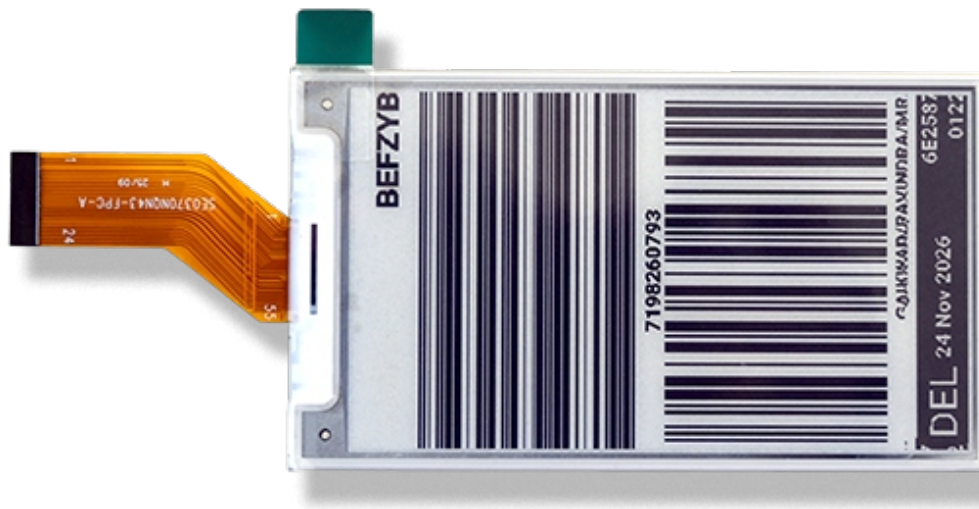




E-Paper Display Technology for Smart & Reusable Electronic Products

Key Highlight

- Ultra-low power consumption with image retention without continuous power
- High contrast, glare-free, paper-like readability
- Thin, lightweight, and easy to integrate into compact products
- Enables reusable, battery-efficient, and eco-friendly electronic solutions

Production Information

E-paper display technology, also known as electronic ink display, is designed for applications that require ultra-low power consumption, high readability, and long image retention without continuous energy supply.

Unlike conventional LCD or LED displays, E-paper consumes power only when updating the screen. Once the content is displayed, it remains visible without additional power. This makes it highly suitable for battery-operated, contactless, and energy-efficient products.

Due to its paper-like appearance and glare-free visibility under direct sunlight, E-paper is ideal for identification, labeling, tracking, and smart information display applications. The thin and lightweight construction allows integration into compact and rugged electronic devices.

Keetronics offers complete development support, including custom controller card design, driver circuitry, interface software, and seamless hardware-software integration tailored to specific application needs.

Potential Application Areas of E-Paper Technology :-

E-paper can be integrated into a wide range of products, including:

- Electronic baggage tags for airports and airlines
- Smart shipping and logistics labels
- Reusable warehouse identification tags
- Industrial asset tracking systems
- Smart retail price tags and shelf labels
- Public information display modules
- Portable low-power status display devices

Technical Specifications

Model Number	E-Paper Display
Category	E-Paper Display Solutions