

## RE Partner Solution

# Kyocera MIP(Memory In Pixel) Display



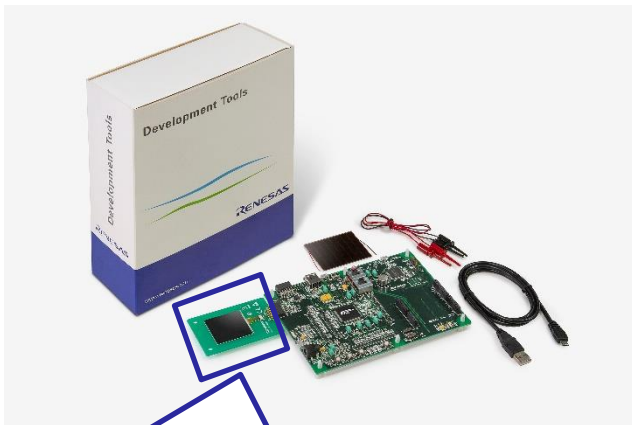
### Solution Summary

MIP LCD uses LTPS technology to form memory circuits in each pixel to achieve low power consumption. This is an ideal display for portable applications requiring long battery life.

### Features/Benefits

- Low Power Consumption
  - The power consumption per pixel is about 1/1000 of general TFT LCDs.  
<Ref.> Typical power consumption of 1.81 inches :  
10 $\mu$ W with a fixed screen, 75 $\mu$ W with screen rewriting
- High Visibility
  - Wide viewing angle, high contrast and high visibility outdoors.

### Graphics



Used in **RE01 1500KB Evaluation Kit**



Used in **RE01 256KB Evaluation Kit**

### Target Markets and Applications

- Long battery powered applications
- Wearable devices
- IoT devices
- Healthcare devices



Established

April 1, 1959

Global headquarters

6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan

Consolidated Sales

1,599,053 million yen (Year ended March 31, 2020)

Consolidated Profit

1,482 million yen (Year ended March 31, 2020)

Group companies

298 (Including KYOCERA Corporation)

Group employees

75,505

(Excluding non-consolidated subsidiaries and affiliates accounted for by the equity method)

Company outline

As 5G and Internet of Things (IoT) technologies expand into our daily lives, Kyocera products and services will continue to find new and innovative applications. Our four principal markets are **Information & Communications** — connecting people and devices; **Automotive** — making vehicles smarter, safer and more eco-friendly; **Environment & Energy** — contributing to a more sustainable society; and **Medical & Healthcare** — where Kyocera products help to ensure longer, happier, and healthier lives. By focusing our strengths on the above markets, the Kyocera Group will continue to develop highly valuable products and services, supporting a more comfortable and sustainable world.