

# SAKURAI LAB.

[Ambient Electronics]

Department of Informatics and Electronics

<http://lowpower.iis.u-tokyo.ac.jp>

Integrated Circuits and Systems Design

Department of Electrical Engineering and Information Systems

## Ambient Electronics

- ◆ Flexible, large-area, and distributed organic electronics
- ◆ Low-voltage (0.5V) and extremely low-power LSI's

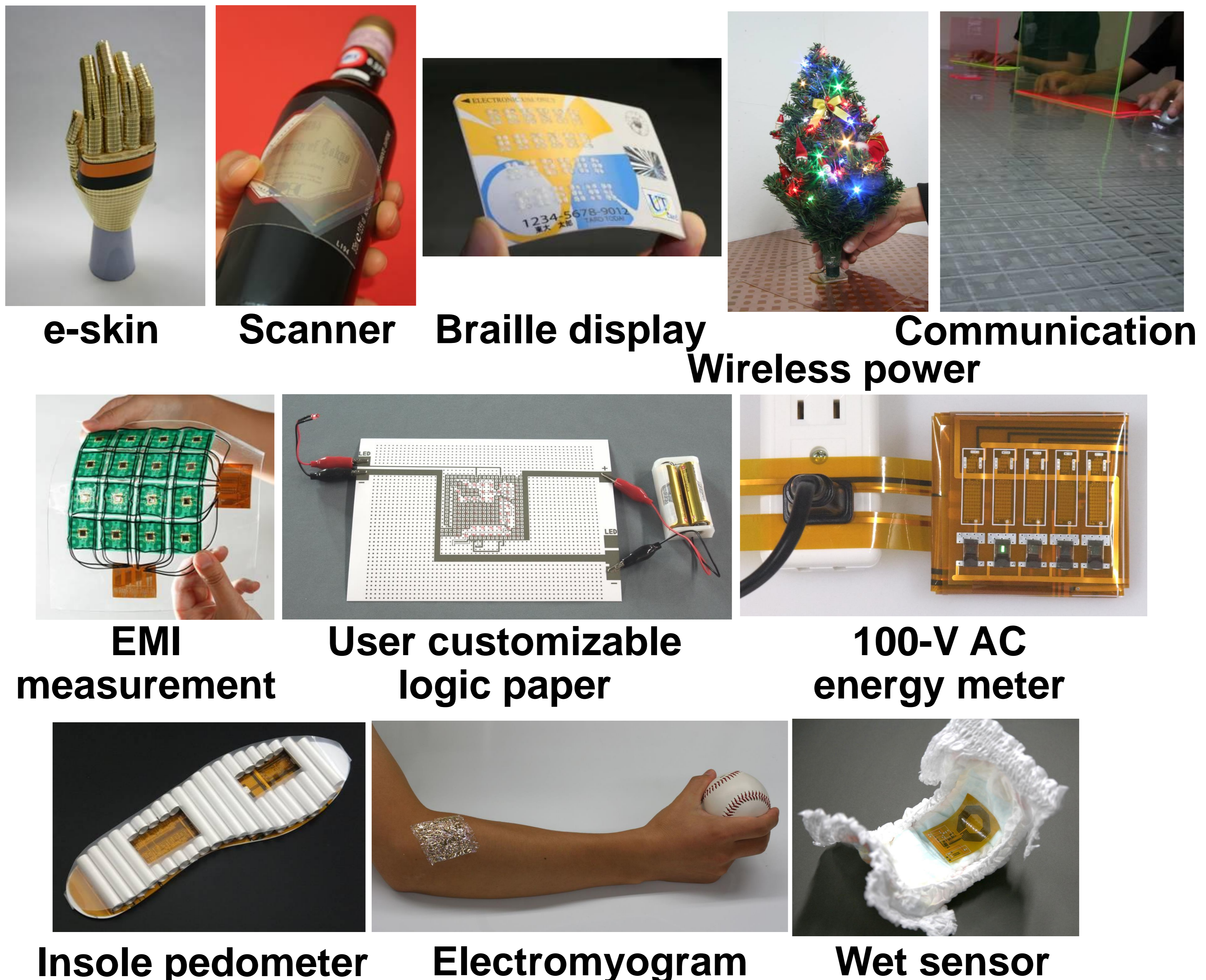


Fig. 1 Flexible and large-area organic electronics

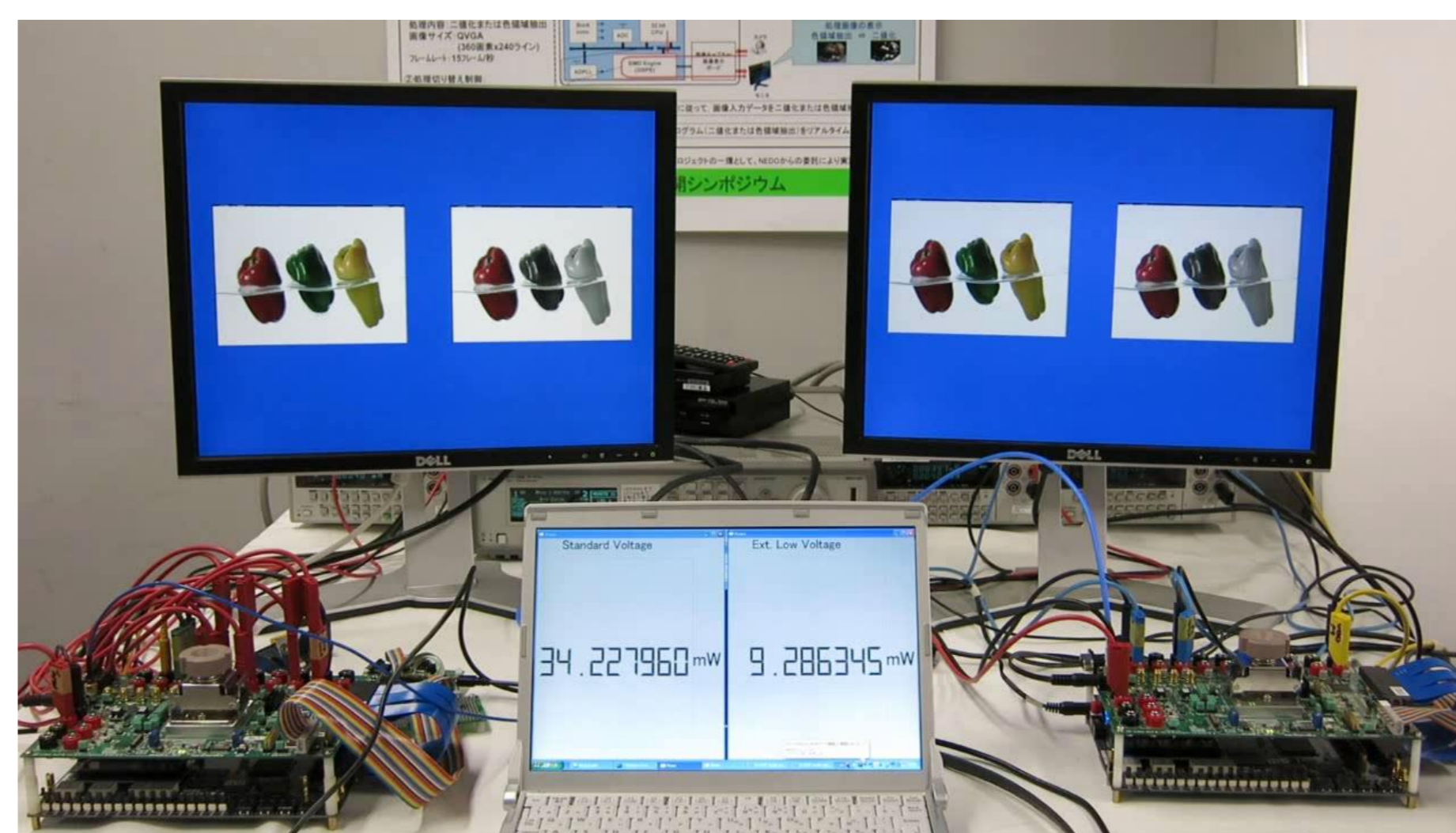
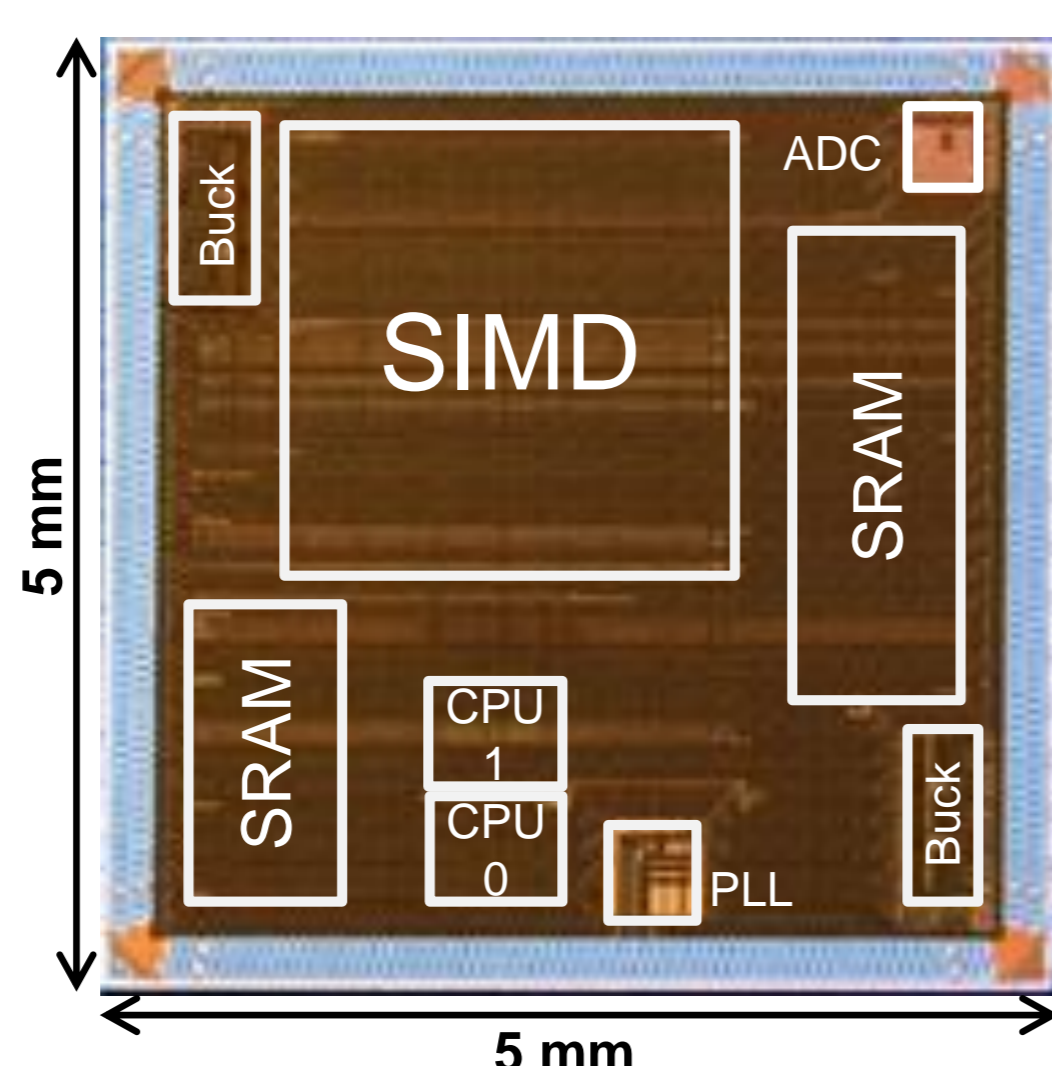


Fig. 2 0.6V operation of 320-parallel SIMD processor. Die photo (left) and demonstration (right).