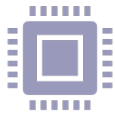


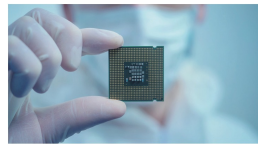
Business Characteristics

Energy-efficient and high-performance AI semiconductor chips for edge inference

1. High-performance, energy-efficient AI chip using in-memory computing (analog-PIM)



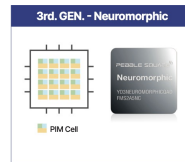
- Develops advanced PIM core technology and multicore neural networks
- Achieves high performance and low power consumption with in-memory computation without data movement



2. Optimized for edge AI with neuromorphic architecture + high reliability



- Reliable neuromorphic AI with analog computing and NOR flash architecture



Matching Needs

Ideal profile of Tokyo companies

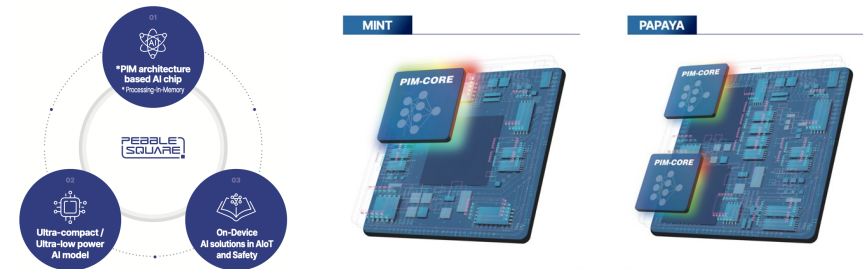
1. Companies seeking advanced technologies in AI and IoT fields (E.g.: cloud service providers, automobile manufacturers, etc.)
2. Companies seeking high-performance AI solutions with limited resources (E.g.: startups and emerging technology companies)
3. Organizations that prioritize safety and privacy protection (E.g.: municipal smart city projects, university research projects)
4. Individual consumers using smart home devices and wearable technology, especially in markets where personal data protection is highly prioritized

Objective

1. Technical sharing and information exchange
2. Building business partnerships
3. Contributing to the local community

Business Overview (Services/Products)

- Leads a new paradigm in computer architecture (PIM) with AI solutions utilizing edge AI chips



■ Development of ultra-low power CIM technology based on non-volatile memory (NVM) platform

- Develops high-performance compute-in-memory technology with ultra-low power consumption based on non-volatile memory (NVM)
- Develops business through realization of high-performance, low-power AI semiconductor designs and IP licensing

■ Ultra-lightweight, high-performance AI model development for on-device AI

- Develops an ultra-lightweight, high-performance AI model optimized for smart homes and IoT devices
- Offers licensing for AI models compatible with various devices, enabling support across a wide range of fields

■ On-device AI infrastructure solution with enhanced personal information protection

- Provides on-device AI solutions with enhanced personal information protection in areas such as speech recognition, image recognition, drones, robotics, and healthcare
- Implements privacy-centric AI technologies to deliver a secure and safe AI platform