Edge AI Processor ： Hailo Technologies 'Hailo-8L' Overview Analysis Report

Package

Die image

Report Overview

Edge AI Processor is a technology that performs AI processing directly on devices, and it is becoming increasingly important across various fields due to advantages such as real-time processing, enhanced security, and reduced communication costs.

Founded in 2017, Israeli company Hailo Technologies has established bases in Germany, the United States, Taiwan, South Korea, China, and Japan, and has released AI chips targeting the fields of image processing and data analysis. An entry-level product called the 'Hailo-8L' has been released.

LTEC released an overview analysis report of this product.

Product Features

Product type: Hailo-8L   AI processing performance : up to 13 TOPS
Released data: 2024

Analysis result summary

Overview Analysis Report (35 pages)

- The metal layer is 1Gate-11Metal (1Al-10Cu), and images of the entire die were taken of the Top, M9, M8, and Gate layers.

- Based on cross-section observations of the die edge (seal ring) and the logic region, the process technology has been estimated.

- It is also conducting a comparison with the AI accelerator 'Hailo-8' for autonomous vehicles, surveillance cameras, and industrial robots.

A detailed structural analysis report for the Hailo-8L is also planned.

For more information, please contact us.

Report price

Delivered one week after order placement. Please contact us for report pricing.

Overview Analysis Report　Table of Contents