Booth No. 8.1B40.10

AnalogAI

analogAI

Year Established	2024	Type of Business	System Semiconductor
Website	https://www.analog-ai.com/	Main Export Countries	United States, China, South Korea
SNS	https://www.linkedin.com/company/analog-ai-com		

Main Customer	Domestic Customers	International Customers

The Person In Charge	Name	Department	Position
	Jaewoo Kim	Business Development	Business Development Manager
	Phone	Mobile	E-mail
	+1-678-834-2001	+1-678-834-2001	jaewoo.kim@analog-ai.com

Company Description

AnalogAI is revolutionizing the AI semiconductor market by developing specialized chips that enable on-device processing for AI models including LLM. AnalogAI is accelerating market entry through comprehensive reference chip designs and offering extensive intellectual property portfolio covering device architecture, circuits, and algorithm solutions.

Product

AI Semiconductors

Function and Usage : AnalogAI is developing an AI accelerator using innovative AI semiconductor devices based on Analog In-memory Computing technology. This accelerator aims to improve performance and power efficiency by 100 to 10,000 times compared to existing solutions when training large-scale machine learning models. This breakthrough technology enables true on-device AI, allowing complex AI models to run directly on smartphones, IoT devices, and other edge computing systems without requiring cloud connectivity.

Marketing and Selling Points : The AI semiconductor developed by AnalogAI enables on-chip training, making it superior to both existing digital-based semiconductors and other AI semiconductors using Analog In-memory Computing technology. It also features excellent characteristics, including more accurate storage of synaptic weight values.

KITA Korea International Trade Association