



## ASX Announcement

### BrainChip announces availability of AKD1500 reference design

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- Brainchip announces early availability of the AKD1500 reference design in Global Foundries' 22nm FDX process
  - The AKD1500 is the 2<sup>nd</sup> silicon proof point and demonstrates the portability of its Akida™ IP across multiple foundries and its ease of integration and implementation.
  - Enables partners to design modules and develop advanced designs that will lead to Akida IP-integrated volume products.
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**Sydney – 28 August 2023** – [BrainChip Holdings Ltd](#) (ASX: **BRN**, OTCQX: **BRCHF**, **BCHPY**), the world's first commercial producer of neuromorphic artificial intelligence IP, today announced the early availability of its second silicon-ready reference design, the AKD1500.

Based on GlobalFoundries' advanced, 22nm fully depleted silicon-on-insulator (FD-SOI) technology, AKD1500 continues the advancement of neuromorphic computing on the Edge and demonstrates the portability of BrainChip's Akida™ architecture. The AKD1500 chips from GlobalFoundries are fully functional at first silicon and will be available in limited quantities in the coming quarter.

The 8-node AKD1500 reference is designed as a co-processor reference that partners could utilize to develop modules and prototypes for at-sensor or sensor-balanced, low-power, embedded solutions for AIoT in industrial, consumer and automotive solutions.

**This announcement is authorised for release by the BRN Board of Directors.**

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#### About BrainChip Holdings Ltd (ASX: BRN)

BrainChip is the worldwide leader in edge AI on-chip processing and learning. The Company's first-to-market neuromorphic processor, Akida™, mimics the human brain to analyze only essential sensor inputs at the point of acquisition, processing data with unparalleled efficiency, precision, and economy of energy. Keeping machine learning local to the chip, independent of the cloud, also dramatically reduces latency while improving privacy and data security. In enabling effective edge compute to be universally deployable across real world applications such as connected cars, consumer electronics, and industrial IoT, BrainChip is proving that on-chip AI, close to the sensor, is the future for its customers' products as well as the planet. Explore the benefits of Essential AI at [www.brainchip.com](http://www.brainchip.com).

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Additional information is available at:

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