



ASX Announcement

BrainChip Provides Market Update

Akida™ Neuromorphic System-on-Chip (NSoC) Wafer Fabrication Completed

- Wafer fabrication completed on schedule
 - BrainChip moving to assembly and test of the Akida NSoC
 - Evaluation boards for Early Access Program are in fabrication
 - Software tools are based on the Akida Development Environment
-

Aliso Viejo, California – 2 July 2020 – [BrainChip Holdings Ltd](#) (ASX: BRN), a leading provider of ultra-low power high performance AI technology today provides a market update on the advancement of the Company's groundbreaking Akida Neuromorphic System-on-Chip.

In conjunction with Socionext and Taiwan Semiconductor Manufacturing Company (TSMC) wafer fabrication of the Akida device has been completed as planned and the Company is moving to complete assembly and test operations. The primary use of the initial devices will be internal evaluation and support of those customers that have signed agreements for the Early Access Program.

Louis DiNardo, BrainChip President and CEO commented, "This is an exciting and pivotal moment in BrainChip's evolution to commercialize a very powerful technology that addresses the burgeoning AI Edge market. Peter van der Made, Anil Mankar and the entire BrainChip team have worked tirelessly to achieve this important milestone. There is nothing quite like having silicon in your hand after years of work to define, develop and produce a revolutionary technology". Mr DiNardo continued, "Our next steps are completing assembly and test of the Akida device, disciplined internal evaluation and distribution to Early Access Program customers".

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

About Brainchip Holdings Ltd (ASX: BRN)

BrainChip is a global technology company that is producing a groundbreaking neuromorphic processor that brings artificial intelligence to the edge in a way that is beyond the capabilities of other products. The chip is high performance, small, ultra-low power and enables a wide array of edge capabilities that include on-chip training, learning and inference. The event-based neural network processor is inspired by the spiking nature of the human brain and is implemented in an industry standard digital process. By mimicking brain processing BrainChip has pioneered a processing architecture, called Akida™, which is both scalable and flexible to address the requirements in edge devices. At the edge, sensor inputs are analyzed at the point of acquisition rather than through transmission via the cloud to a data center. Akida is designed to provide a complete ultra-low power and fast AI Edge Network for vision, audio, olfactory and smart transducer applications. The reduction in system latency provides faster response and a more power efficient system that can reduce the large carbon footprint of data centers.

Additional information is available at <https://www.brainchipinc.com>

Follow BrainChip on Twitter: https://www.twitter.com/BrainChip_inc

Follow BrainChip on LinkedIn: <https://www.linkedin.com/company/7792006>

Company contact:

Roger Levinson

rlevinson@brainchipinc.com

+1 (949) 330-6750

BrainChip Holdings Ltd

ACN 151 159 812

Level 12 225 George St Sydney NSW 2000

T: +61 2 9290 9606 | F: +61 2 9297 0664 | W: www.brainchipinc.com