



BrainChip Strengthens Intellectual Property Protection

Company Files Omnibus Provisional U.S. Patent

San Francisco – 2 January 2019: BrainChip Holdings Ltd (“BrainChip” or the “Company”) (ASX: BRN), the leading neuromorphic computing company, today announced that it has filed an omnibus provisional U.S. patent application with the United States Patent and Trademark Office (USPTO) seeking to protect the many inventions embodied in the Akida Neuromorphic System-on-Chip (NSoC) including the overall NSoC system architecture and its state-of-the-art reconfigurable, low-latency, low-power feature set.

One of BrainChip’s core strategies is to protect its intellectual property as the Company’s success depends in large part on the ability to establish and maintain the proprietary nature of its foundational technology. This recent patent application has multiple claim sets with detailed technical descriptions across multiple Akida NSoC elements of novelty. BrainChip plans to expand this omnibus patent filing into a robust patent family with multiple domestic and international patents to obtain broad utility claims that cover apparatus, methods and systems in neuromorphic computer processing.

BrainChip’s patent portfolio also includes 10 other filed or granted patents that cover innovations in neuromorphic computing including autonomous learning, autonomous feature extraction, pattern recognition and neural processor acceleration. BrainChip plans to file additional patent applications in the U.S. and in other countries as it deems appropriate for its products.

“We have made great progress in the development of the Akida NSoC,” said Lou DiNardo, BrainChip’s President and CEO. “Akida brings AI to the edge and opens many large and growing markets. During the Akida NSoC development Peter and our team have created many new innovations in the field of neuromorphic computing and we are committed to protecting these valuable inventions.”

About BrainChip Holdings Ltd (ASX:BRN)

BrainChip Holdings Ltd. is the leading provider of neuromorphic computing solutions, a type of artificial intelligence that is inspired by the biology of the human neuron. The Company’s revolutionary new spiking neural network technology can learn autonomously, evolve and associate information just like the human brain. The proprietary technology is fast, completely digital and



consumes very low power. The Company provides software and hardware solutions that address the high-performance requirements in civil surveillance, gaming, financial technology, cybersecurity, ADAS, autonomous vehicles, and other advanced vision systems. www.brainchip.com

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