



ASX Announcement

**BrainChip Holdings Ltd Quarter Update
Appendix 4C & Quarterly Activities Report
for the period ended 30 June 2021**

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- Cash Balance as at 30 June 2021 US\$17.7M
 - Volume Production of Akida™ AI Processor in progress
 - BrainChip upgraded to the OTCQX (symbol BRCHF) by OTC Marketplace in USA
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Sydney, Australia – 29 July 2021 – [BrainChip Holdings Ltd](#) (ASX: BRN), a leading provider of ultra-low power high performance AI technology, today provides the following update in conjunction with its Appendix 4C lodged for the quarter ending 30 June 2021.

The Company ended the June quarter with US\$17.7M in cash compared to US\$20.0M in the prior quarter.

During the quarter, the Company had net cash outflows from operating activities of US\$3.0M compared to US\$3.8M in the prior quarter. The decrease in net outflows was due to:

- (a) reduced receipts from customers of US\$0.9M due to customer receipts of \$1M in the prior quarter;
- (b) Payment of US\$2.25M in the prior period resulting from a milestone payment to a major supplier in advance of wafer fabrication for the production version of the Akida device; and
- (c) Increased headcount at both the Australian research centre and the US operations.

Cash inflows from financing activities included US\$2.4M cash receipts from the exercise of Long Term Incentive Plan stock options and cash outflows of US\$1.7M to Long Term Incentive Plan participants comprising the excess of the exercise price received at the end of the prior quarter.

The Company has reported payments of US\$154,000 to related parties and their associates at item 6.1 of the accompanying Appendix 4C. These payments comprise directors' fees for Non-Executive Directors and salaries for Executive Directors and is lower compared to the prior period of US\$253,000 as the CEO position is still being recruited.

The Company's design and manufacturing partner, Socionext, released the engineering layout of the production version of the AKD1000 chip to Taiwan Semiconductor Manufacturing Company. Production units are expected to be available for testing in the 3rd Quarter.

The Company also received notification from the U.S. Govt that the US\$0.4M Loan provided in 2020 under the CARES Act Paycheck Protection Program had been forgiven.

The Company also announced the following during the June quarter:

13 May 2021: The upgrade of the trading of BRN shares on the OTCQX under the symbol BRCHF. The OTCQX is the highest quality tier offered by OTC Marketplace for investor-focused, US and international companies traded on a qualified exchange.

17 May 2021: The appointment of Prof. Emeritus Alan R Harvey, a prominent neuroscientist, to the BrainChip Research Institute's Scientific Advisory Board (SAB).

21 May 2021: Ms Christa Steele resigned as a non-executive director

26 May 2021: The AGM of BrainChip Holdings Ltd was hosted online from Perth Australia, and all resolutions presented were approved.

28 June 2021: Mr Antonio Viana was appointed a non-executive director.

BrainChip currently has entities in Perth Australia, Aliso Viejo California (United States), Toulouse France and Hyderabad India. The Company continues to maintain strict cost controls, as well as adhering to travel restrictions and precautionary measures related to the COVID-19 pandemic.

The Company will continue to update the market on material events and maintain monthly Podcasts designed to inform all constituents of the Company's progress and industry trends.



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>

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Appendix 4C

Quarterly cash flow report for entities subject to Listing Rule 4.7B

Name of entity

BrainChip Holdings Ltd

ABN

64 151 159 812

Quarter ended ("current quarter")

30 June 2021

Consolidated statement of cash flows	Current quarter \$US'000	Year to date (6 months) \$US'000
1. Cash flows from operating activities		
1.1 Receipts from customers	191	1,314
1.2 Payments for		
(a) research and development	(1,285)	(2,371)
(b) product manufacturing and operating costs *	(85)	(2,419)
(c) advertising and marketing	(609)	(1,059)
(d) leased assets	-	-
(e) staff costs	(656)	(1,160)
(f) administration and corporate costs	(712)	(1,290)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	7	17
1.5 Interest and other costs of finance paid	(1)	(1)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	81	81
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(3,069)	(6,888)
2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) businesses	-	-
(c) property, plant and equipment	(3)	(19)

Consolidated statement of cash flows	Current quarter \$US'000	Year to date (6 months) \$US'000
(d) investments	-	-
(e) intellectual property	-	-
(f) other non-current assets	-	-
2.2 Proceeds from disposal of:		
(a) entities	-	-
(b) businesses	-	-
(c) property, plant and equipment	-	-
(d) investments	-	-
(e) intellectual property	-	-
(f) other non-current assets	-	-
2.3 Cash flows from loans to other entities	-	-
2.4 Dividends received (see note 3)	-	-
2.5 Other (provide details if material)	-	-
2.6 Net cash from / (used in) investing activities	(3)	(19)

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2 Proceeds from issue of convertible debt securities	-	-
3.3 Proceeds from exercise of options	2,452	5,483
3.4 Transaction costs related to issues of equity securities or convertible debt securities	-	(21)
3.5 Proceeds from borrowings	-	-
3.6 Repayment of borrowings	-	-
3.7 Transaction costs related to loans and borrowings	-	-
3.8 Dividends paid	-	-
3.9 Other (provide details if material)		
- Reduction in leases	(12)	(24)
- Funds (paid to)/received from shareholders on exercise of options	(1,707)	-
3.10 Net cash from / (used in) financing activities	733	5,438

Consolidated statement of cash flows	Current quarter \$US'000	Year to date (6 months) \$US'000
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4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	19,992	19,136
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(3,069)	(6,888)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(3)	(19)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	733	5,438
4.5	Effect of movement in exchange rates on cash held	-	(14)
4.6	Cash and cash equivalents at end of period	17,653	17,653

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$US'000	Previous quarter \$US'000
5.1	Bank balances	17,608	19,954
5.2	Call deposits	45	38
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	17,653	19,992

6.	Payments to related parties of the entity and their associates	Current quarter \$US'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	154
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7. Financing facilities	Total facility amount at quarter end \$US'000	Amount drawn at quarter end \$US'000
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	24	-
7.3 Other (please specify)	-	-
7.4 Total financing facilities	24	-
7.5 Unused financing facilities available at quarter end		
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		
<p>BrainChip SAS has a secured overdraft facility with Credit Agricole, France, to the value of 20,000 Euros which incurs interest at 8.02%.</p> <p>During the Quarter, BrainChip Inc received notification from the U.S. Govt that the US\$412k Loan provided in 2020 under the CARES Act Paycheck Protection Program had been forgiven.</p>		

8. Estimated cash available for future operating activities	\$US'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(3,069)
8.2 Cash and cash equivalents at quarter end (item 4.6)	17,653
8.3 Unused finance facilities available at quarter end (item 7.5)	24
8.4 Total available funding (item 8.2 + item 8.3)	17,677
8.5 Estimated quarters of funding available (item 8.4 divided by item 8.1)	5.8
<i>Note: if the entity has reported positive net operating cash flows in item 1.9, answer item 8.5 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.5.</i>	
8.6 If item 8.5 is less than 2 quarters, please provide answers to the following questions:	
8.6.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: n/a	
8.6.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: n/a	

8.6.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: n/a

Note: where item 8.5 is less than 2 quarters, all of questions 8.6.1, 8.6.2 and 8.6.3 above must be answered.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: ..29 July 2021.....

Authorised by: ...Board of Directors.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standard applies to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.