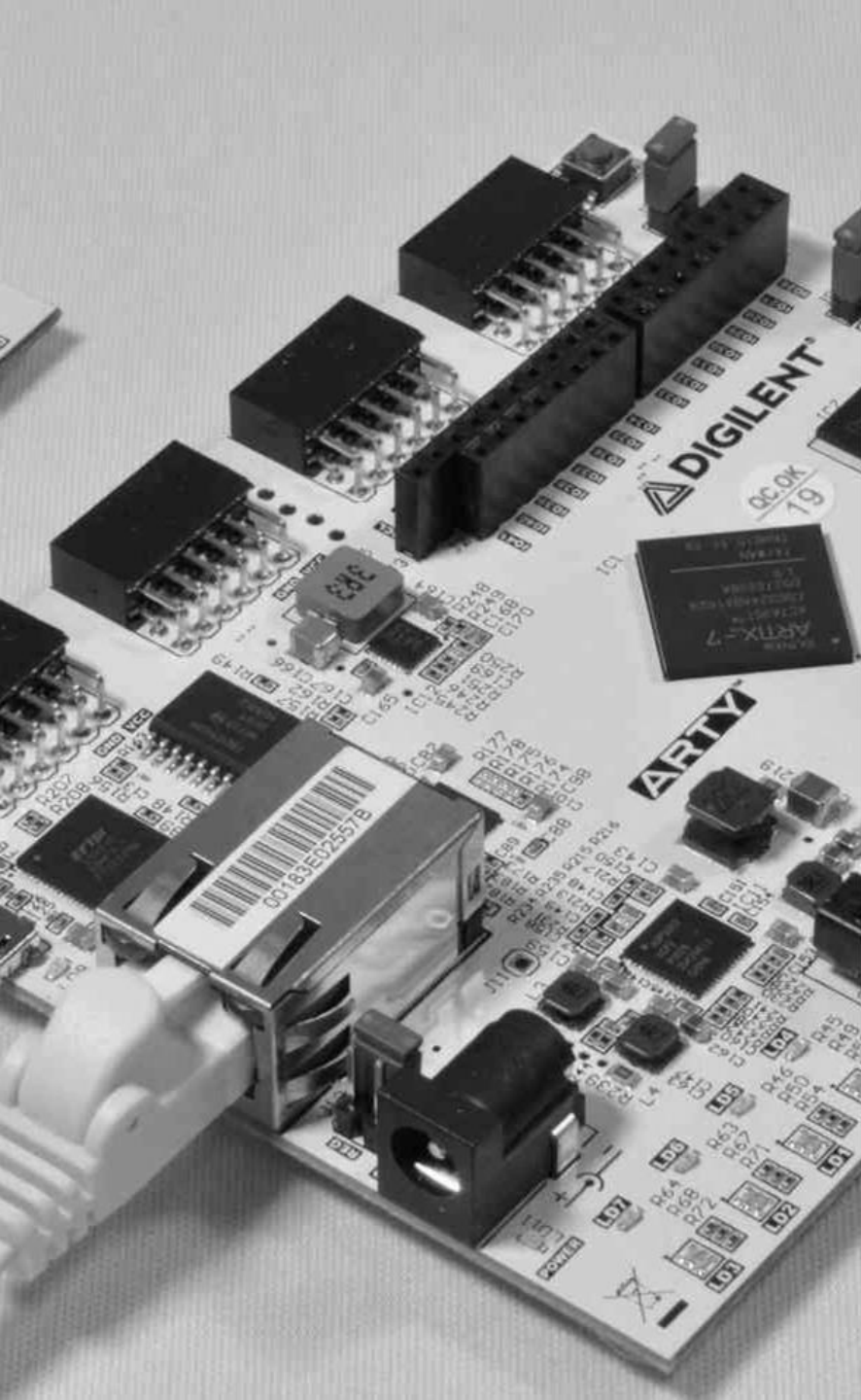




SEEKING EXPRESSIONS OF INTEREST

CHIPTIP & 6YS – PROOF OF CONCEPT FOR HIGH PERFORMANCE COMPUTE USING NEXT GENERATION HARDWARE





ABOUT CHIPTIP

- Founded in 2017 by Eric Fukuda (Whittier) (PhD) and Naif Tarafdar (PhD)
- Pioneers in the use of FPGA (Field Programmable Gate Array) processors for use in High Performance Compute applications
- Have developed a new proprietary hardware / software solution that leverages FPGA technology, which is expected to provide performance and power efficiency benefits of 1-2 orders of magnitude (10-20x) when compared with current technology
- The result is a compute product that is cheaper, higher performance and uses less energy than existing solutions





“At 6YS, we live to improve the business fundamentals of every organisation we work with

Through our blend of technology, science and business acumen, our customers are empowered to become the very best version of themselves.”

ABOUT 6YS

- Founded in 2003 as Australia’s first Cloud Computing company by technologist Sam Forbes (PhD)
- HQ in Brisbane, with presence in Queensland and Victoria
- Over 300 clients in the private and public sector, ranging in size from 10 seats to >50,000
- Specialists in Platforms, Data Centre Infrastructure, IT optimization and user-centric Managed Services
- Certified to ISO standards 27001, 27017, 27018 & 9001
- Member of multiple government panels

6YS
Business • Technology • Science



PROVING THE CONCEPT

It is time for Chiptip to validate their technology outside of the lab and benchmark themselves against the industry. To achieve this goal, Chiptip have partnered with 6YS and together we are seeking out organizations who meet the following core criteria to engage in a free Proof of Concept:

- Non-profit or government agency or a private organization whose work involves environmental science, medical research or otherwise has a positive community impact
- Performs (or looking to perform) compute-intensive operations on datasets using SQL, Map Reduce or similar
- Happy to serve as a reference customer for Chiptip / 6YS and to participate in Case Studies
- Prefer Brisbane-based (or at least for key staff on the project to be based in Brisbane)



WHAT'S THE PLAN?

Design

Chiptip, 6YS and Customer will design the project and scope the desired outcomes and methodologies



Implement

Chiptip implements the solution based on the design



Execute

The project is executed on the Chiptip FPGA platform hosted in 6YS' secure Brisbane data centre



Review

The results of the project are reviewed and benchmarked by all parties



BENEFITS OF PARTICIPATION

1. Opportunity to gain access to high performance data processing at no charge
2. Assistance from a world-class team in solving a real-world problem
3. Positive press and publicity, including association with a leading-edge green technology
4. Helping a young start-up bring a new product into the world that will allow solving of more complex problems with a smaller carbon footprint

NEXT STEPS

For further information or to register your interest please contact:

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