

August 2018

## **Indian Institute of Technology develops Microprocessor Chips.**

Computer scientists and a student team from Indian Institute of Technology/Madras have developed the first of a family of six industry standard microprocessor chips. Initial batch of 300 chips named RISECREEK produced under Project Shakti have been fabricated at Oregon, USA to run the Linux OS. IIT says that this processor can be adapted by others ,as the design is open source. These chips can compete with chips like Cortex A5 from ARM in terms of power and performance. This is the first microprocessor chip entirely designed in India.

Designers claim that this processor can easily meet demands of defence and other strategic needs like NAVIC (Indian regional navigational satellite) and IoT electronics , at the operating frequency of 300 MHZ.