



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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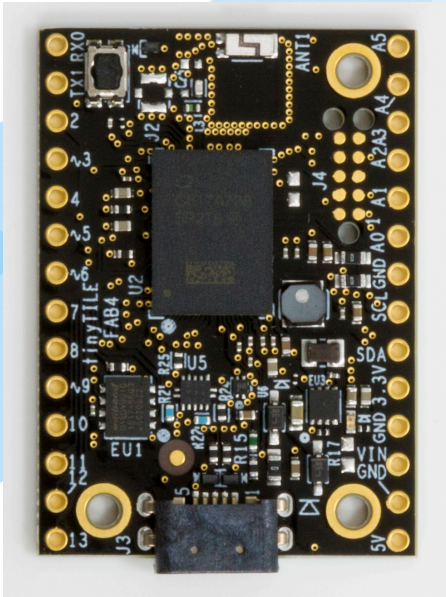
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tinyTILE has been designed in collaboration with Intel

## Miniature Intel® Curie™ Module Development and Production Platform



tinyTILE is a miniaturised adaptation of the Arduino/Genuino 101 board, measuring approx 35 x 26mm.

The tinyTILE board can be programmed using either the Arduino IDE or Intel's own software – the Intel® Curie™ Open Developer Kit (CODK) available at [www.intel.com/curieodk](http://www.intel.com/curieodk).

The reverse side of the tinyTILE board is flat, with many test-points that provide access to nearly all Intel Curie module I/O. The board is small and narrow to fit breadboards easily. The holes are unpopulated to allow easy connections to the user's circuits.

tinyTILE features the Intel Curie module, a low-power compute module that comes with motion sensors, Bluetooth® Low Energy, and pattern matching capabilities for optimized analysis of sensor data. This enables quick and easy identification of actions and motions. tinyTILE is a complete low-power solution designed for use in wearable devices and rapid prototyping. The Intel Curie module offers features that are ideal for “always-on” applications requiring motion monitoring, wireless capabilities, low power and small size.

### tinyTile Board Specifications

#### Features

- Low-power 32-bit Intel® Quark™ microcontroller
- 384 kB flash memory
- 80 kB SRAM
- Low-power integrated DSP sensor hub and pattern matching technology
- Bluetooth Low Energy
- 6-axis combo sensor with accelerometer and gyroscope
- tinyTILE has solderable holes (standard 40-mil holes on a 0.1” pitch on either side of the board)
- I/O connections have the same names and functions as the Arduino/Genuino 101 board
- 3 mounting holes, sized to accept standard M1.6 machine screws
- tinyTILE has a micro-USB connector and may be powered and programmed in the same manner as the Arduino/Genuino 101 board
- Master-reset button
- Power ‘on’ status LED
- 3.3v I/O
- Regulated 3.3 volt power output
- tinyTILE is CE/FCC certified