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!

Contact us

NETduino 3 Ethernet
PRODUCT ID: 2683
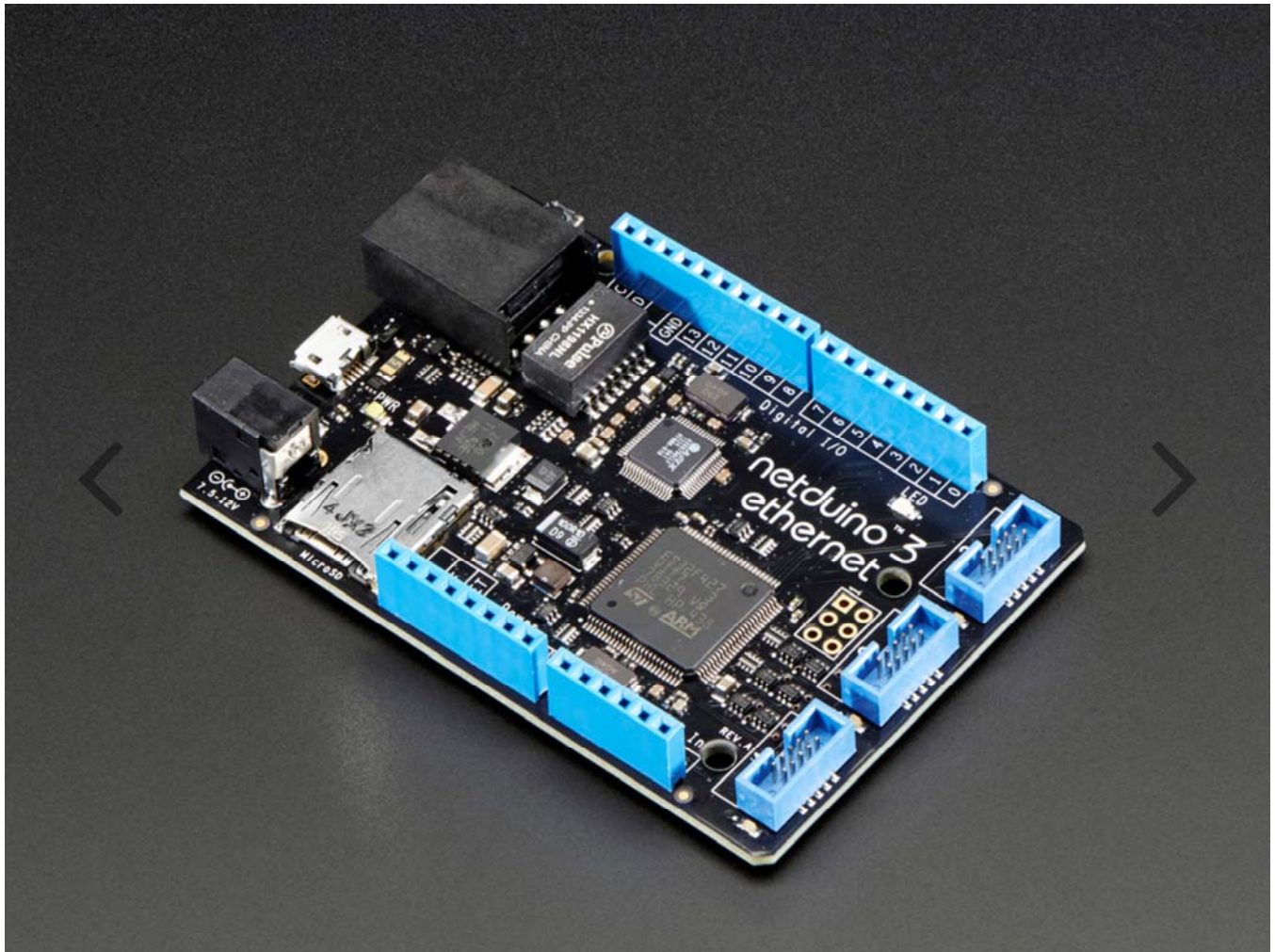
DESCRIPTION   −

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. This combines the ease of high-level coding and the raw features of microcontrollers. Enjoy event-based programming, multi-threading, line-by-line debugging, breakpoints and more!

The Netduino 3 has the same 168 MHz (Cortex-M4) processor as the Netduino 2 but almost four times the code storage at 1408 KB and almost double the ram at 164+ KB. Check out the full specs here and more information about Netduino over at netduino.com
Netduino 3 Ethernet has all the hardware features of the Netduino 3, plus MicroSD storage capabilities and an Ethernet jack for fast integrated IP networking!

Features include:

- Works with most arduino shields (some require .net mf drivers)
- 1408 KB code storage
- 164+ KB RAM
- 6 ADC channels (12-bit)
- micro SD storage (up to 2gb)
- 3 gobus ports

In the bag:

- Netduino 3 Ethernet
- Four sticky feet
- 5 cm gobus cable

Technical Details

[STM32F427VI Datasheet](#)
[Netduino 3 Ethernet Schematics](#)
Operating Temperature: 0° – 70℃
Power:
   Input: 7.5–12 VDC or USB powered
   Output: 5 VDC and 3.3 VDC regulated
   Max current: 25
[For product support, replacement parts and warranty for Netduino products, click here.](#)

Product Dimensions: 80.3mm x 53.3mm x 12.7mm / 3.2" x 2.1" x 0.5"

Product Weight: 27.0g/1.0oz