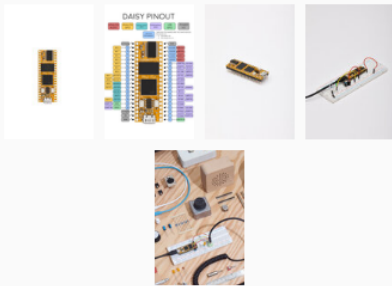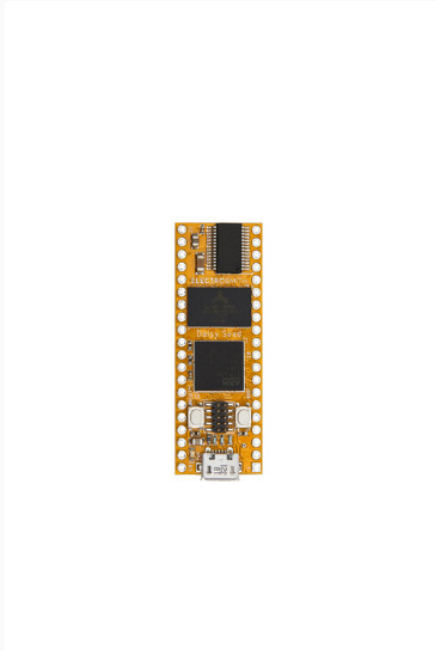SHIPPING NOTICE: DUE TO GLOBAL SUPPLY CHAIN DISRUPTIONS, ORDERS MAY TAKE UP TO 5-7 BUSINESS DAYS TO PROCESS.   ×

ELECTROSMITH

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DAISY › DAISY™ SEED

DAISY™ SEED

from $27.95

Daisy is an embedded platform for music. It features everything you need for creating high fidelity audio hardware devices. Just plug in a USB cable and start making sound! No soldering required.

Resources: Documentation, and examples are hosted on our GitHub repository for easy download. All firmware that we develop is released for free under a permissive open source license(MIT). Check out the getting started wiki page!

Let's teach computers how to sing!

Programmability: C++, Arduino, Max/MSP Gen~, Pure Data(export using Heavy)

Hardware: ARM Cortex-M7 MCU, High fidelity AKM stereo audio codec with up to 24-bit 192kHz, 64MB of SDRAM, and 8MB of flash memory
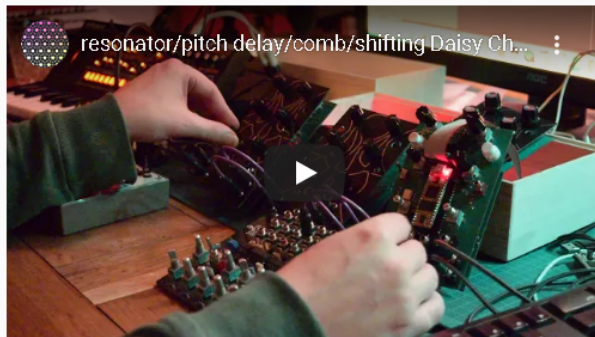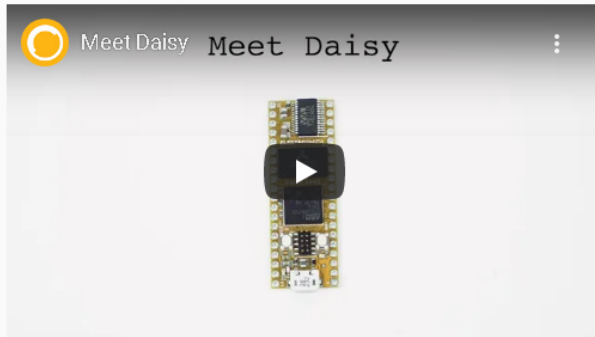
Pinouts include:

. 31 total GPIO pins which can be configured as standard GPIO or one of several alternate functions including 16-bit Analog to Digital Converters(x12)

. 12-bit Digital to Analog Converters(X2)

. SD Card interfaces

. PWM outputs

. Serial protocols for connecting to external sensors and devices including SPI, UART, I2S, and I2C

. Dedicated VIN pin for power (input range from 4v to 17v)

. Micro USB port along with additional USB pins for full OTG-support as host and device. Port can be used for power, firmware, and debugging.

Eagle part in our Library.

HEADERS:

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1

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MICRO USB CABLE
$9.99

T-SHIRT
$25.00

TRS 3.5MM MIDI ADAPTER
$4.99

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