

Hapkit Board

SKU 102990020



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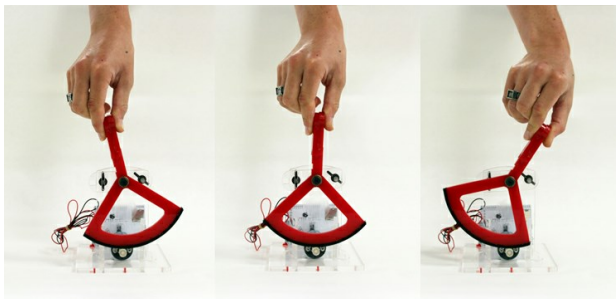
Description



We worked with Stanford University to design the Hapkit Board, which supports the [Hapkit open-source haptic device](#).

It merges a microcontroller Atmega328, Micro SD card Slot and Motor driver L298P, which can achieve these functions: control operation, data recording, motor driver. There are Hapkit-specific sensor connections: Mr Sensor connection and FSR Sensor connection. Standard Shield shape and Grove Interfaces, makes it convenient to connect more modules.

Its power can from Micro USB or 7v ~ 15v extern power. Only select extern power when you drive DC motors.



Specification

- Working Voltage: 5V ~ 15V
- Micorcontroller: Atmega328p
- Support SD Card Type: Micro SD card, FAT/FAT32 (less than 2G)
- Max output current per channel: 2A
- Output Duty Range: 0%~100%

You can develop a Hapkit using the Hapkit Board and following the instructions for building/purchasing the other hardware at <http://hapkit.stanford.edu>.

Technical Details

Dimensions 80mm x 120mm x 11.40mm

Weight G.W 25g

Power

Part List

Hapkit Board1

ECCN/HTS

ECCN EAR99
HSCODE8471504090

Documents

- 78M05 Datasheet
- Stanford Haptic Shield Eagle File
- L298 Datasheet

Questions and Answers

Have a question about this? Ask people who

- 0 The specifications claim a max output current of 2A. This means I can pretty safely drive this stepper? <https://www.amazon.com/gp/product/B00PNEQ9T4/>
irietea on Nov 13,2016
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