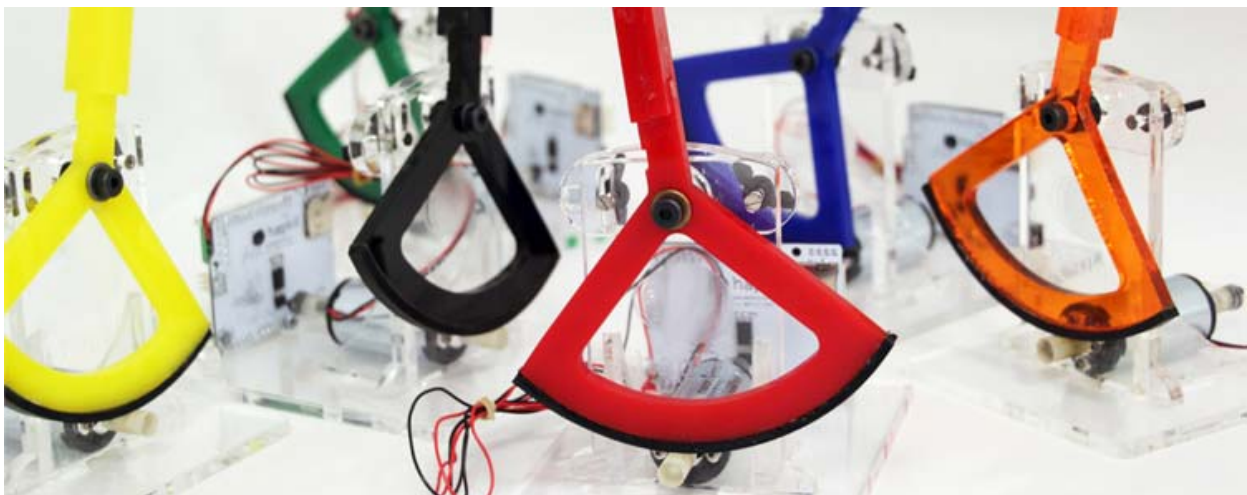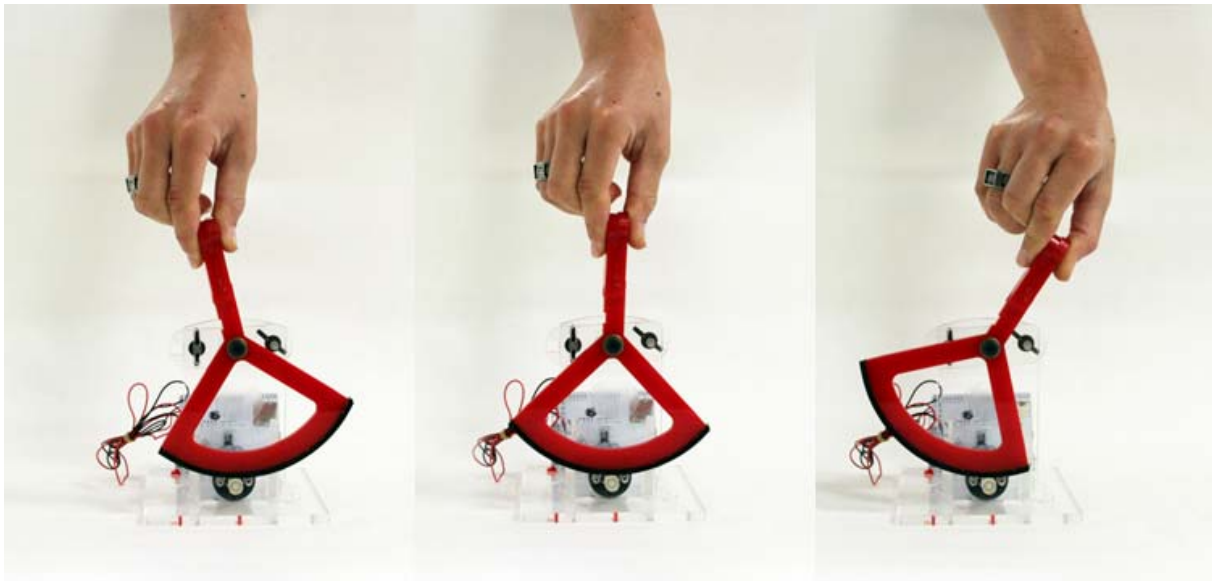# Hapkit Board

SKU 102990020

Built around Atmega328p Micro SD card slot on board Wide range of working voltage Built-in Grove interfaces Support external power supply

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 x120mm x11.4mm
Weight	G.W 25g
Battery	Exclude

Part List

Hapkit Board	1

ECCN/HTS

ECCN	EAR99
HSCODE	8471504090
USHSCODE	8471500150
UPC	841454107095