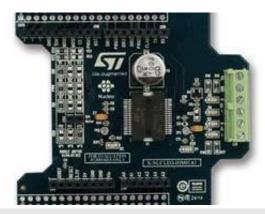# L6474 Stepper Motor Driver Expansion Board

Listing details

Reference Number: RF117370

Common

Price: $ 12.50
Country: United States
Description:
L6474 Stepper Motor Driver Expansion Board

Manufacturer Part #: X-NUCLEO-IHM01A1

Alternate Part #: X-NUCLEO-IHM01A1

The X-NUCLEO-IHM01A1 is a stepper motor driver expansion board based on the L6474.
It provides an affordable and easy-to-use solution for driving a stepper motor in your STM32 Nucleo
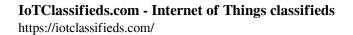project.

The advanced current control of the L6474 and a complete set of protection features offer high levels of
both performance and robustness.

The X-NUCLEO-IHM01A1 is compatible with the Arduino UNO R3 connector, and supports the
addition of other boards which can be stacked to drive up to three stepper motors with a single STM32
Nucleo board.

Key Features

Voltage range from 8 V to 45 V
Phase current up to 3 Ar.m.s.
Power OK and fault LEDs
Advanced current control
Fully protected power stage
Up to 1/16 microstepping resolution

Compatible with Arduino UNO R3 connector
Compatible with STM32 Nucleo boards
Suitable for multi-motor solutions
RoHS compliant

Purchase Product

Posted: 7 years ago