Channel Servo Driver-16

Channel Servo Driver-16

:Features

Driver IC: PCA9685 •
Voltage Range – Input: 3V to 5V •
Max. Supply Voltage: 6V •
Frequency(Fast-mode 12C-bus): 40-1000Hz •
.Channel number: 16 channel •
Resolution: 12 bit •
hardware address pins allow 62 PCA9685 devices to be connected to the same I2C-bus 6 •

L298 Motor driver

Product Name : Motor Driver

Model : L298

Motor supply: 6 to 35 VDC

Control Logic: Standard TTL Logic Level

Output Power: Up to 2A each

Enable and Direction Control Pins

Heat sink for IC

Power-On LED indicator

4 Direction LED indicators

Motor Shield V2

Motor Shield V2 to Control 4 DC Motor or 2 Stepper and Servo

Motor Stepper Servo Robot Shield v2 with PWM Driver Shield For Arduino

- **2** **connections for 5V 'hobby' servos** connected to the Arduino's high-resolution dedicated timer – no jitter!
- **4** H-Bridges: TB6612 chipset provides **1.2A per bridge** (3A for brief 20ms peaks) with thermal shutdown protection, internal kickback protection diodes. Can run motors on 4.5VDC to 13.5VDC.
- **Up to 4 bi-directional DC** motors with individual 8-bit speed selection (so, about 0.5% resolution)
- **Up to 2 stepper motors** (unipolar or bipolar) with single coil, double coil, interleaved or micro-stepping.
- Motors automatically disabled on power-up
- Big terminal block connectors to easily hook up wires (18-26AWG) and power
- Arduino reset button brought up top
- Polarity protected 2-pin terminal block and jumper to connect external power, for separate logic/motor supplies
- Tested compatible with Arduino UNO, Leonardo, ADK/Mega R3, Due, Diecimila & Duemilanove. Works with Mega/ADK R2 and earlier with 2 wire jumpers.

Stepper Motor Driver

The A4988 stepper motor driver carrier is a breakout board for Allegro's easy-to-use A4988 microstepping bipolar stepper motor driver and is a drop-in replacement for the A4983 stepper motor driver carrier

Features :

Product name : stepper motor driver

Model : A4988

Voltage : 8-35 V

Current : 2 A

Adjustable current limiting

Overcurrent protection

شريحة متكامله تُستخدممع المحرك الخطوى التي لا تستطيع المتحكمات الدقيقة او دوائر التحكم الاخري قيادتها مباشرة ، فهذه الشريحة تُستخدم لربط دوائر التحكم مع المحرك الخطوى

المميزات :

مصدر الجهد : 8–35 فولت

التيار : 2 امبير

يمكن التحكم في التيار

حماية التيار الزائد

Stepper Motor Driver Tb6600

Stepper Motor Driver Tb6600

Features:

• Model No.: TB6600,
• Supply Voltage: 9VDC – 42VDC,
• Current: 0.5A – 4.0A,
• Usage: Bipolar Stepper Motor Driver

VNH2SP30 DC Motor Driver

VNH2SP30 DC Motor Driver

Features:

• Voltage max: 16V
• Maximum Output current: 30 A
• Practical Continuous Current: 14 A
• Current sensing available to Arduino analog pin
• MOSFET on-resistance: 19 mΩ (per leg)
• Maximum PWM frequency: 20 kHz
• Thermal Shutdown
• Under voltage and Over voltage shutdown