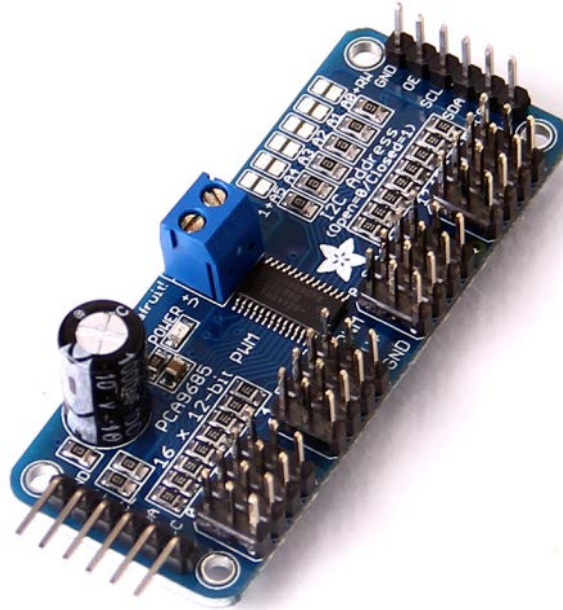


ARDUINO SERVO CONTROL 16CH



Description:

This is a design for the Raspberry Pi and arduino servo control of 16 expansion board, this driver board can cascade up to 62 driver board, a total of 992 servo drive, multi-DOF manipulator, hexapod robot , multi-axis control applications.

Features:

1. I2C interface, do not take GPIO interface (default address 0x40).
2. Support Raspberry Pi (3.3v level) and arduino (5v level), but the two can not control the master .
3. Support 16 PWM output channels, you can control 16 servos or LED lamps.
4. 12 resolution, adjustable PWM frequency up to 1.6KHz, configurable push-pull or open-drain output.
5. 3P standard interface for easy connection and servos LED lights.
6. 6 adjustable address (A0-A5), to facilitate cascading expansion board.
7. Provide Raspberry Pi and arduino reference routine.

Examples:

