



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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DAQCplate

DEV-14148 RoHS



Description: The DAQCplate (Data Acquisition and Controller) from Pi-Plates adds a rich set of input/output options to your Raspberry Pi. It includes seven powerful digital outputs for driving external devices such as relays and high-current LEDs, as well as eight analog-to-digital inputs for measuring temperature, voltage, humidity and more. Additionally, there are eight digital inputs, two analog outputs and seven general-purpose indicator LEDs.

Pi-Plates are a family of stackable and interchangeable add-on circuit boards that allow you to interact with the outside world using your Raspberry Pi. Every Pi-Plate is designed to provide a robust set of features at minimal cost while using the fewest pins possible on the RPi header. Pi-Plates are mechanically and electrically compatible with all revisions of the Raspberry Pi with 40 pin headers (including the Pi 3 Model B and Pi Zero) and are designed to satisfy the needs of hobbyists, experimenters and professionals.

Features:

- Dedicated onboard processor
- 8 protected digital inputs
- 8 protected analog inputs
- 2 protected analog outputs
- 7 open collector outputs
- Provides real-time data collection
- Allows for future code updates
- Only needs two dedicated RPI pins (GPIO 25 and CE1)
- Compatible with all versions of Raspberry Pi
- Design allows up to eight DAQCplates to be stacked together for eight times the I/O
- Uses less than 20mA of DC current during standby
- Includes programmable bi-color LED
- Additional 14-pin header included if B+ signals are required
- Capable of reading up to seven HC-SR04 distance sensors