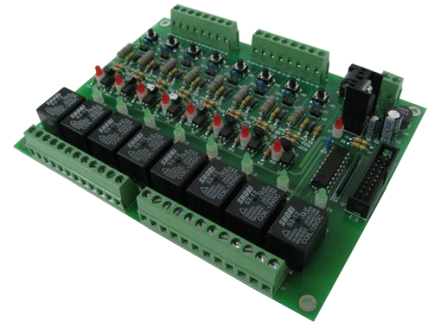




LLD-M01-v4 8ch DO, 8ch DI Digital Signal Control Module

- ✔ 16ch CMOS GPIO Control Points
- ✔ 8ch Wet/Dry Digital Input Control
- ✔ 8ch Relay Output Control
- ✔ Can be applied general switch control or status monitoring etc. application development experiments
- ✔ Correspond with M-50x Starter Kit GPIO Connector and Pin assignment
- ✔ Work with M-50x Starter Kit to process Digital Signal control, no external Circuit



Product Introduction

LLD-M01 is a digital signal controller (Digital I/O Control) for M-50x Starter Kit developed experiment module. It allows developers to easily grasp digital control application development processes and practices of embedded systems through simple switch operation and LED indicators. You can also connect it to the terminal equipment of practical application to perform switching device via the relay on the module which could be carried out in a laboratory to simulate the actual operation of the system.

Specifications

GPIO

- ▶ Type : CMOS
- ▶ Quantity : 16
 - 8ch Output Corresponding to the DO Signal
 - 8ch Input Corresponding to the DI Signal
- ▶ Contact Type : 2.54mm 20pin CenterLowProfile Header

Digital Output

- ▶ Type : Relay Switch
- ▶ Quantity : 8
- ▶ Signal : N.C. / N.O. / COM
- ▶ Relay Output control range : 2A
- ▶ Contact Type : 5.00mm Terminal block
- ▶ LED indicator for each channel

Digital Input

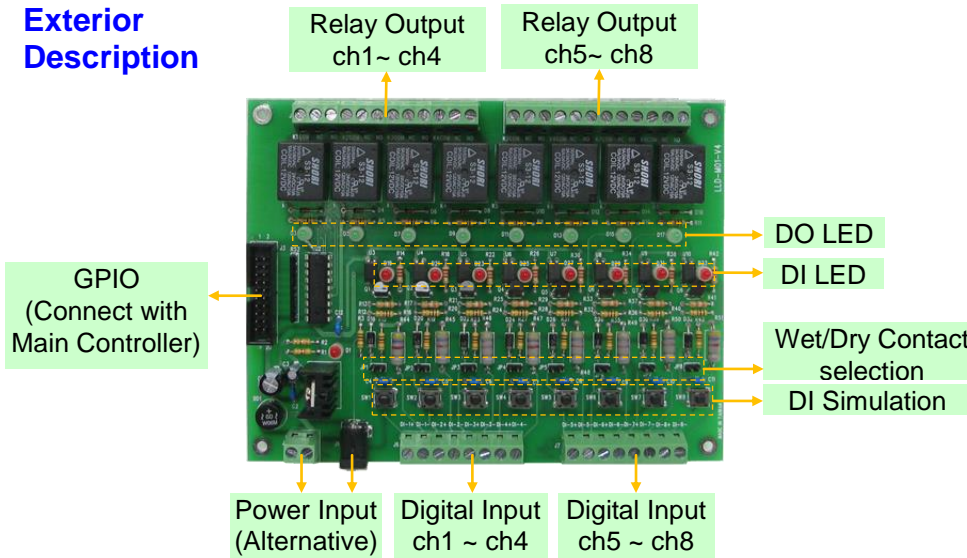
- ▶ Type : Optical Protection Dry Contact
- ▶ Quantity : 8
- ▶ Protection : 2000Vrms Optical Isolated
- ▶ Signal Type : Dry/Wet Input selected by jumper
- ▶ Wet Contact Input range : 5~24V
- ▶ Contact Type : 5.00mm Terminal block
- ▶ LED indicator for each channel
- ▶ Other : Simulation Switch for each Input channel

Others

- ▶ Example program : C/C++(for Matrix Box computer)
- ▶ Working Voltage : 12V DC
- ▶ Size : 175 x 107 x 20 mm



Exterior Description



Ordering Information

LLD-M01-v48ch DO, 8ch DI
Digital Signal Control Module

Content :

LLD-M01x1 ·

CD x1 ·

10mm pillars & screw x4 ·

20-pin 2.54mm Cable x1 ·

Power Expansion Wiring x1