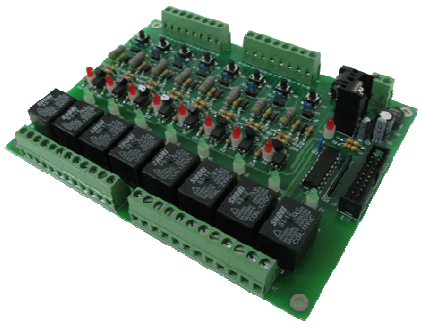
Ver. 1.4

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 to general switch control or status monitoring etc. applications
- Correspond with EBox-AIO and EBox-CGate series GPIO Connector and Pin assignment



Product Introduction

LLD-M01 is a dedicated developed digital signal controller (Digital I/O Control) for ARM-Linux Embedded Computer。It converts common GPIO (TTL/CMOS etc.) signal into external Digital Input/ Output signals.

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 to work as a status monitoring judgement of practical application.

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：5A
- Contact Type：5.00mm Terminal block
- LED indicator for each channel

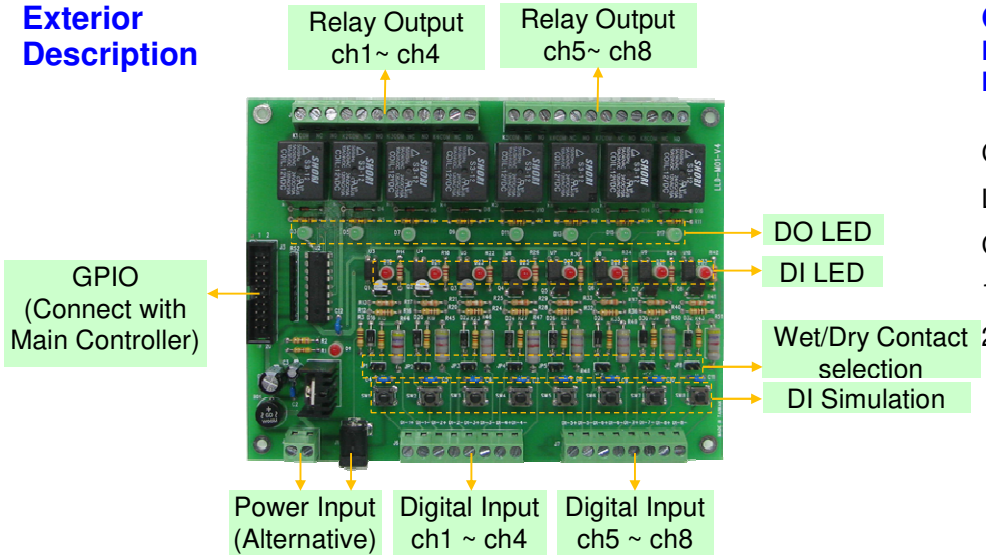
Digital Input

- 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 EBox-AIO-004)
- Working Voltage：12V DC
- Size：160 x 120 x 20 mm

Exterior Description



Ordering Information

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

Content：

LLD-M01x1，

CD x1，

10mm pillars & screw x4，

20-pin 2.54mm Cable x1，