

EZ-0012

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- EZ-0012**
- 3DK2166 Evaluation Kit
- 3DK2218 Evaluation Kit
- 3DK38076 Evaluation Kit for H8/38076
- 3DK38086R Evaluation Kit for H8/38086R
- Capacitive Touch Evaluation Kit
- E8a/E8 14PIN-10PIN Convert Board
- EDK Low Cost Evaluation Board for H8 and SuperH RISC Processors
- H8 Starter Kit Plus
- M3A-0032
- M3A-0033
- M3A-0037G01
- M3A-0038G01
- M3A-0039
- M3A-0040
- M3A-2142G03
- M3A-2152G52A
- M3A-2154G52B
- M3A-HS11G50
- M3A-HS19G50
- M3A-HS30G50
- M3A-HS37G50
- M3A-HS49G50
- M3A-HS62G50
- M3A-HS64G01
- M3A-HS64G02
- M3A-HS64G50
- M3A-HS71G50
- M3A-HS86G50
- M3A-HS87G50
- M3A-ZA53
- R0K572390C000BR/020BR
- R0K572630D001BR
- R0K572670C000BR
- R0K572690B000BR
- R0K572690C000BR
- R0K866597D020BR
- M16C StarterKit Plus
- EV5-ASIA (R0K3306S0D011BR)
- EV10 (R0K3036S1DU01BR)
- EV5-US (R0K3306S0D010BR)
- SDK-PLC-EU-A (or -B for CENELEC B band)
- M3A-0111
- M3A-0113
- M3A-0207A
- M3A-0284
- M3A-0654G01 M3A-0654G02
- M3A-0654G10
- M3A-0664
- M3A-0801G02
- M3A-0802G02
- M3A-0835
- M3A-0836
- M3A-2114G62
- M3A-2142G52
- M3A-2142G52A
- M3A-7512SA
- M3A-7525S
- M3A-7641AG01
- M3A-8K00SG01A
- M3A-HS60G50
- M3A-2142G04
- BLDC Motor Control Demonstration Kit
- CANLIN Development Kit
- EZ-0002
- EZ-0005
- EZ-0006
- EZ-0007
- EZ-0008
- EZ-0009
- EZ-0011
- EZ-BLST-003
- R0K0F4022C000BR (V850E2/ML4 CPU board)
- R0K5R8C34DK2HBR
- R0K5R8C34DK2PBR
- R8A66597 (R0K866597D020BR)
- YET-D720201-0014, YET-D720202-0014

Overview Documentation Downloads Design Support

Overview



The EZ-0012 is mounted with an RL78M1A microcontroller with on-chip high-precision LED lighting control functions, so it can be used as a reference platform for RL78M1A system development.

Features

- The on-chip high-precision dimming control (1 ns or less PWM resolution) of the RL78M1A can be used.
- Supports evaluation of three channels of LED constant current
- Supports four dimmer interfaces: DALI, DMX512, infrared, and analog volume
- Supports automatic software generation tool Applilet EZ for HCD (planned)

Target MCUs

[RL78M1A Microcontrollers](#)

Downloads

- Manuals, application notes, and circuit diagrams can be downloaded [here](#).
- CubeSuite+, Renesas Flash Programmer, device drivers for EZ board, and a software code auto-generating tool (Applilet EZ for HCD) can be downloaded [here](#).

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