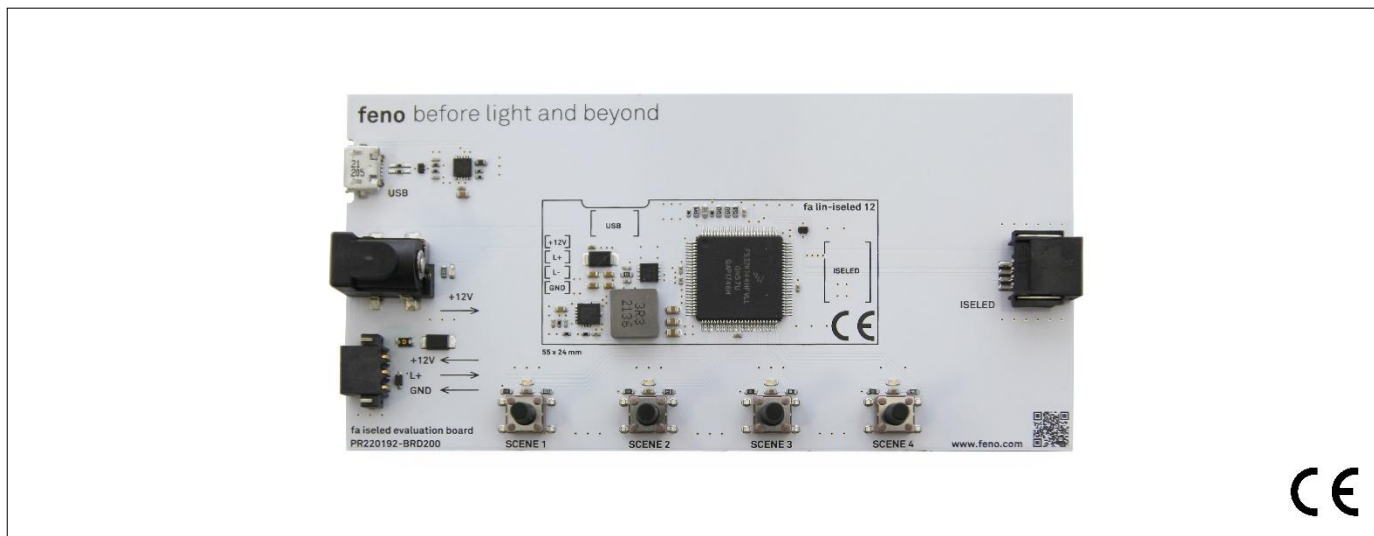


fa evalboard starterkit-lin

ISELED control board with LIN-functionality and plug-in connector

Control board with ISELED and LIN functionality and an integrated power supply in a minimal package. Compatible with feno control light software for the creation and the upload of lighting sequences onto the control board via USB. Evaluation hardware for the conception, development and design of prototypes for dynamic light effects and the integration of ISELED-LEDs.



Properties

- adressable via LIN-Bus and USB-C
- LED adressung via the ISELED bus enables dynamic lighting functions
- Lighting sequences can be played by using the buttons
- power supply with 12 V power supply and intergrated power processing for 5V-ISELED-LEDs
- lighting sequences can be generated using feno control and can be saved on the control board
- simple and space-saving plug-in connections
- powers and addresses up to two ISELED LED-strips (fa led iseled-flex)
- connector for BabyLIN

Combinable with the following feno products



fa led iseled-flex
Item number: 00006112

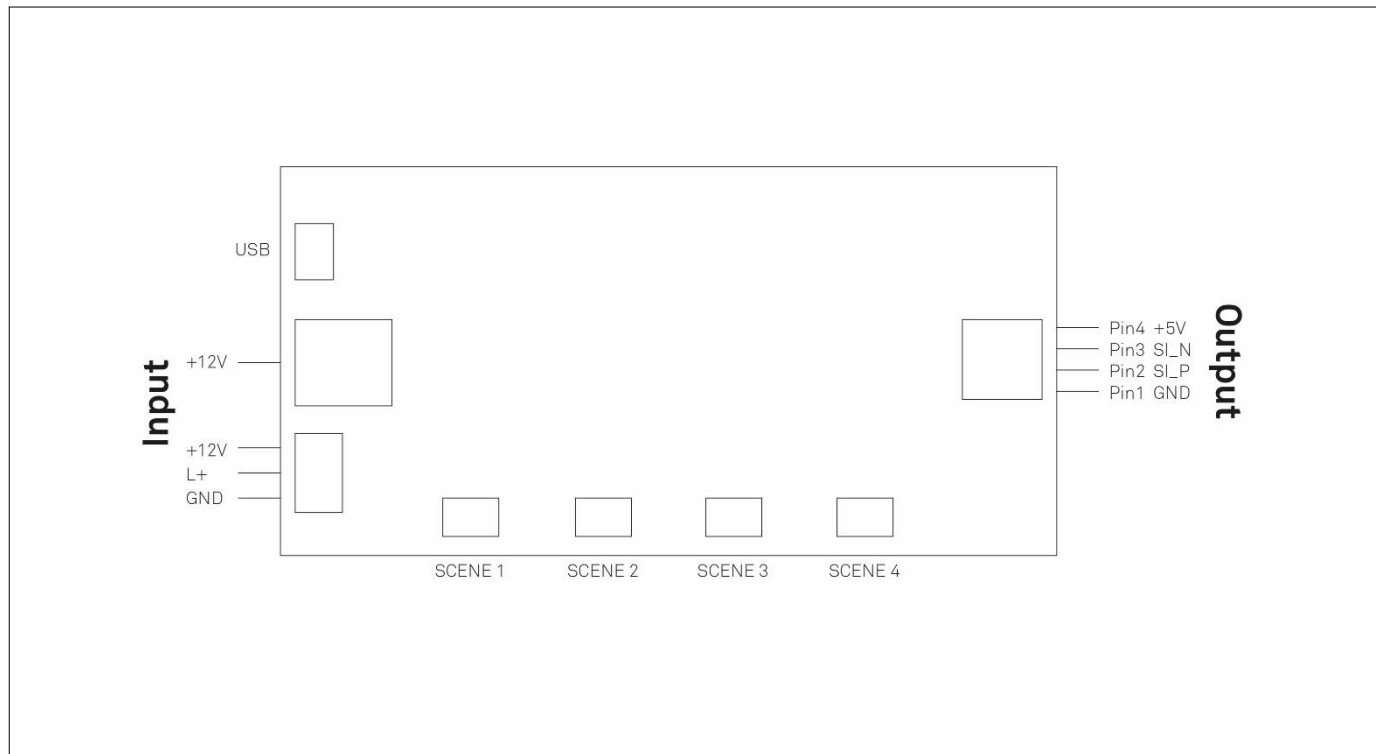
Ordering Information

Product name	fa evalboard starterkit-lin
Item number	00006892
Project number	PR220192

fa evalboard starterkit-lin

ISELED control board with LIN-functionality and plug-in connector

Wiring Diagram for the evalboard



Technical Details

Supply voltage	9-16 V
Power consumption	780 mA
Light colours	RGB
Number of LEDs	32
Connection	LIN-Input: 3-pole phoenix plug MC 0.5/3-G-2.54 Power-Input: Lumberg power supply coupling 1613 14 Iseled-Output: TE Connectivity Pico MQS 4-pin (1-2332184-1)
Dimming	8-bit resolution
PWM frequency	488 Hz
Dimensions (L/W/H)	120 x 60 x 16 mm (fa evalboard starterkit-lin) 315 x 14 x 6.3 mm (fa led iseled-flex)
Pitch	15 mm
Permitted bending radius	one-time up to 3 mm outside of the SMD areas
Lighting sequences	4 base sequences + 4 individually programmable sequences
Lighting sequences properties	10 fps, max. 48 pixels, max. 30 seconds

Additional Information

Additional information about ISELED can be found at www.iseled.com



feno control software can be downloaded at www.feno.com

