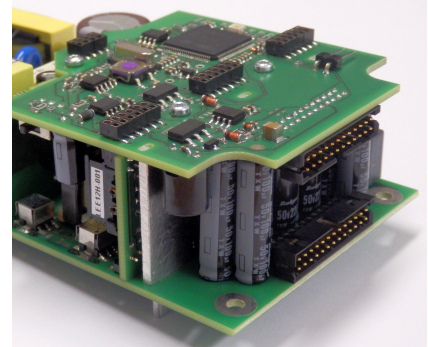
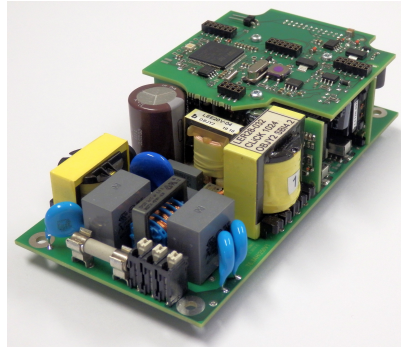


Reference-Design: High integrated 7 channel RGBW LED-Driver



Preliminary information! Product in pre series status

Features:

- Wide range AC-Input
- 90% efficiency nominal
- Power factor = 0,98
- 7-channel output (constant current)
- universal extension interface for e.g. DALI, DMX, UART, CAN, WLAN, BT
- individual dimmable (0-100%) within class C
- PFC stage, high efficient resonant converter, passive current splitting
- Convectional cooling
- Continuous protection against:
 - Over temperature
 - Short circuit
 - Overload
 - Overvoltage
- Second phase dimming and 1-10V dimming integrated
- primary max power setting via resistor
- Enec optional
- Dimensions approximately
L x W x H: 140 x 65 x 40 mm
- 5 years warranty

Input

Nominal power	100W
Nominal voltage	110/230V AC
Voltage range	85-264V 50/60 Hz ± 5%
Inrush	limited to 26A@264V

Output: U1-U7

Nominal voltage	35V DC
Voltage range	18-60V
Output power	max. 90W
Current (max.)	5x 0...200mA, 2x 0...600mA @100% dutycycle
Ripple (20kHz-20MHz)	≤ 100mV
Ripple (100Hz)	< 20mVpp
Efficiency	90.0%

subject to change without notice