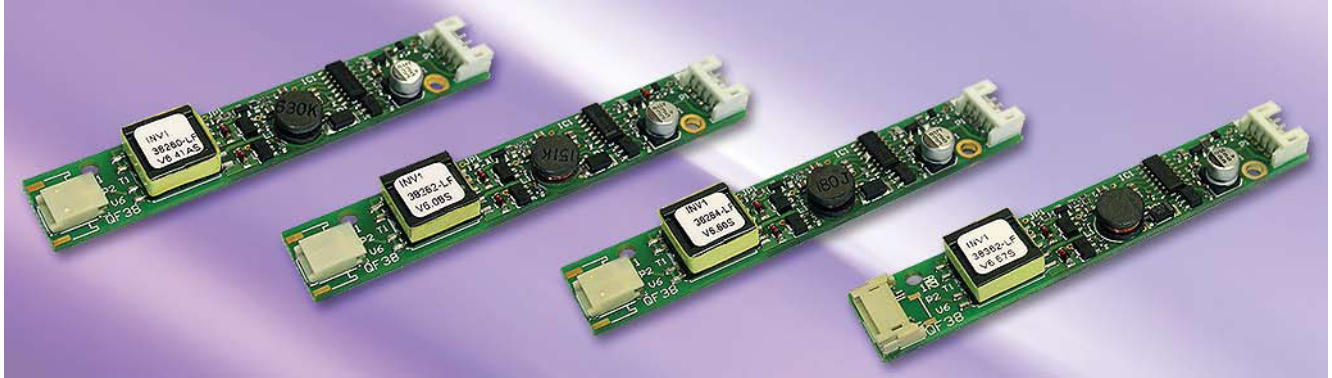


1 CCFL Series



Overview

The Spectrah INV1 series DC to AC inverter is designed to power 1 tube backlight. It is a high frequency and high efficiency switching power supply, with low noise and light weight. This inverter series provides DC/PWM dimming function for smooth brightness adjustment, external power on/off control, safety features to protect output power from overcurrent, and auto shutdown feature when lamp fails. This inverter series is able to drive a wide range of LCD panels including AUO, CMO, CPT, Hydis, Kyocera, LG, Mitsubishi, NEC, Optrex, Prime View, Samsung, Sharp, and Toshiba.

Feature

- Applicable to 1 tube
- DC/PWM dimming function
- External digital ON/OFF control
- Auto shutdown when lamp connection is open
- Short circuit and overload protection

Absolute Rating

Item	Symbol	Condition	Min.	Max.	Unit
Input Voltage	Vin		11	13	V
Operating Temperature	Top	Ha ≤ 90%RH	0	70	°C
Storage Temperature	Tstg	Ha ≤ 95%RH	-10	80	°C
Operating Humidity	Hop	Ta = 0 ~ 55°C	20	90	%RH
Storage Humidity	Hstg	Ta = 20 ~ 80°C	-	95	%RH

Ordering Information

Model Number	Dimension (mm, L x W x H)	Input Voltage (V)	Lamp Current (mA)	Connector
INV1-38259-LF	91.44 x 16.0 x 7.5	12.0	6.0	SM02B x 1
INV1-38260-LF	91.50 x 16.0 x 7.5	12.0	6.0	SM02B x 1
INV1-38261-LF	91.44 x 16.0 x 7.5	12.0	6.1	SM02B x 1
INV1-38262-LF	91.50 x 16.0 x 7.5	12.0	5.8	SM02B x 1
INV1-38263-LF	91.50 x 16.0 x 7.5	12.0	5.8	SM02B x 1
INV1-38362-LF	91.50 x 16.0 x 7.5	12.0	5.7	SM02 (8.0) x 1
INV1-38363-LF	91.44 x 16.0 x 7.5	12.0	6.0	SM02 (8.0) x 1
INV1F-38264-LF	91.44 x 16.0 x 7.5	5.0	5.6	SM02B x 1

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