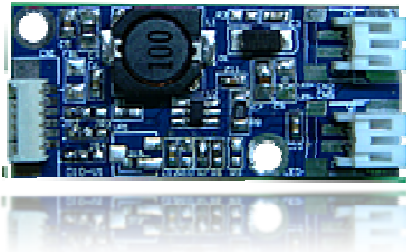


## D10 series

The D10 series is a low profile and low cost, high efficiency, boost LED backlight driving board, support up to 10 White LEDs for LED backlight application, and the internal soft start function can reduce the inrush current.

Item	Min	TYP	Max	Units
Input Voltage	2.5	5	5.5	V
Output Voltage	8	-	45	V
PWM Frequency	240	-	30K	HZ
Output Current * (Per LED String)	-10%	120	+10%	mA
PWM Duty cycle LED current range	0 (0mA)	-	100 (120mA)	%
PWM Voltage Threshold	3	-	5	V
DC Voltage Dimming Control	0	-	3.3	V



Dimension (L x W x H): 45mm x 20mm x 5.6mm

## Feature

- ◆ VIN Operating Range : 2.5V to 5.5V.
- ◆ External power On/Off control.
- ◆ DC 0~5V dimming.
- ◆ PWM dimming.
- ◆ Under voltage Protection.
- ◆ Over voltage Protection.
- ◆ Over temperature Protection.
- ◆ Soft start.

E.E.R.D Technology Inc.,

意亞迪科技有限公司

E-mail : [jason@eerd.com.tw](mailto:jason@eerd.com.tw)

TEL : 886-2-86916130

(22171) 台灣省新北市汐止區鄉長路2段6巷13號6樓

6F., No.13, Ln. 6, Sec. 2, Xiangzhang Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)