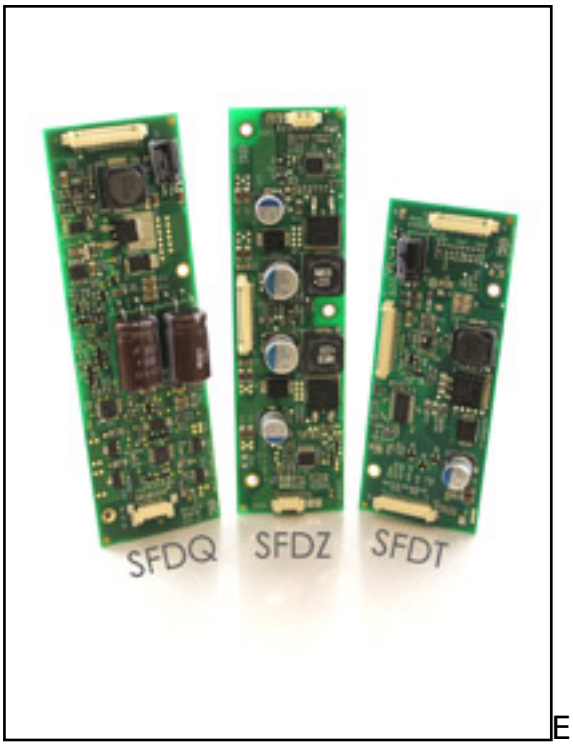
LED drivers suit large industrial displays



Endicott Research Group (ERG) has introduced its Large Display Solutions: LED drivers and rails specifically designed for LCDs in the 19” to 27” diagonal range. The series includes the SFDZ, SFDQ and SFDT driver modules. The SFDZ Series driver provides high efficiency power (max. current 180 mA per string) to LED backlights used in LCDs up to 24” diagonal. It measures 1.35” x 5” (34.3 mm x 127 mm), is less than 12 mm high, and features open/short circuit protection, over voltage protection, under voltage lockout and an adaptive string voltage, with onboard & external PWM dimming (0 V to 5 V). It provides total output power of 40 W (20 W per side), powers up to eight LED strings (four per side) and suits displays with dual light bars. The SFDQ Series driver provides power (max. current 140 mA per string) to LED backlights used in LCDs up to 27” diagonal, with a maximum string voltage of 70 V, with external PWM dimming to 500:1 and onboard PWM dimming to 255:1. It measures 1.5” x 5” (34.3 mm x 127 mm), and is <14 mm high. It features open/short circuit protection, over voltage protection, and an adaptive string voltage. It provides total output power of 30 W and powers up to four LED strings. The SFDT Series driver is capable of driving up to 12 discrete LED strings (six per side) with a typical input voltage of 12 V.

Endicott Research Group
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