

# Electroluminescent Drivers Selection Guide

## Micrel Advantage

- Low Noise
- Low Power
- Bright Light

Device	Description	Package
MIC4826	Low Input Voltage, 160V <sub>PP</sub> Output Voltage EL Driver	MSOP-8
MIC4827	Low Input Voltage, 180V <sub>PP</sub> Output Voltage EL Driver	MSOP-8
MIC4830	Low Input Voltage, Low Noise, 180V <sub>PP</sub> Output Voltage EL Driver	MLF <sup>®</sup> -8 (3 x 3mm), MSOP-8
MIC4832	Low Input Voltage, Low Noise, 220V <sub>PP</sub> Output Voltage EL Driver	MLF <sup>®</sup> -8 (3 x 3mm), MSOP-8
MIC4833	Low Input Voltage, Low Noise, 220V <sub>PP</sub> Output Voltage EL Driver	MLF <sup>®</sup> -12 (3 x 3mm)
MIC4834	Low Input Voltage, Low Noise, 220V <sub>PP</sub> Output Voltage EL Driver with Slew Rate Control	MLF <sup>®</sup> -10 (3 x 3mm), MSOP-10

## Display Driver Selection Guide

### Micrel Advantage

- High Current
- High Voltage
- Video Image Speeds

Device	Description	Segments	LEDs	Package
MIC5400	LED Video Display Driver		16	SOIC-28
MM5450	LED Display Driver	34		PDIP-40, PLCC-44
MM5451	LED Display Driver	35		PDIP-40, PLCC-44

## Latched Driver Selection Guide

Device	Input	Number Output Channels	Nominal Sink Current	Nominal Source Current	Maximum Output Voltage	Thermal, UVLO, Overcurrent Protection	Packages			
							SOIC	PLCC	PDIP	CerDIP
MIC5800	Parallel	4	400mA	—	50V	—	14-pin	—	14-pin	—
MIC5801	Parallel	8	400mA	—	50V	—	24-pin	28-pin	22-pin	22-pin <sup>(1)</sup>
MIC58P01	Parallel	8	400mA	—	80V	Yes	24-pin wide	28-pin	22-pin	—
MIC5821	Serial	8	400mA	—	50V / 35V	—	—	—	16-pin	—
MIC5822	Serial	8	400mA	—	80V / 50V	—	—	—	16-pin	—
MIC5841	Serial	8	400mA	—	50V / 35V	—	18-pin wide	20-pin	18-pin	—
MIC5842	Serial	8	400mA	—	80V / 50V	—	18-pin wide	20-pin	18-pin	—
MIC58P42	Serial	8	400mA	—	80V / 50V	Yes	18-pin wide	20-pin	18-pin	—
MIC5891	Serial	8	—	400mA	50V	—	16-pin wide	—	16-pin	—
MIC59P50	Parallel	8	400mA	—	80V	Yes	24-pin wide	28-pin	24-pin	—
MIC59P60	Serial	8	400mA	—	80V / 50V	Yes	20-pin wide	20-pin	20-pin	—

1. SMD (military) 5962-8764001WA.