

Product Overview

LV5237JA: LED Driver, 9-channel

For complete documentation, see the data sheet.

The LV5237JA is a 9-channel LED driver IC that is capable of switching between constant-current output and open drain output. Peak output current is $I_O \text{ max} = 100\text{mA}$. It enables 2-wire/3-wire serial bus control (address designation) to be set arbitrarily using an external pin. Also possible are 9-channel LED ON/OFF control and the setting of the PWM luminance in 256 steps. Up to 81 driver ICs can be connected using the slave address setting pins.

Features

- 9-channel output constant-current LED driver/open drain output LED driver(selected by using an external pin)
- Luminance adjustment using internal PWM control (256 steps)
- Selection of 2-wire / 3-wire serial bus control signals enabled
- Input Power supply supports 12 V

Benefits

- Set any current with RGB independently
- The illumination which is smooth by careful duty setting
- Keep stable serial bus control signal
- Use the power source line of 12 V

Applications

- LED Display
- Amusement

End Products

- Amusement Pachinko&PachiSlot

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	V_I Max (V)	I_O Max (mA)	LEDs in Series, Max #	LEDs in Parallel, Max #	Package Type
LV5237JAZ-AH	0.6667	Pb-free Halide free non AEC-Q and PPAP	Active	12.8	100	10	9	SSOP-24

For more information please contact your local sales support at www.onsemi.com.

Created on: 10/26/2020