Panasonic

New **AN3x Series**
LED Matrix Driver

RoHS COMPLIANT

High Resolution, 256 Step LED Matrix Driver with Built-In Lighting Effects

Panasonic, a worldwide leader in Semiconductor Products, is pleased to announce the **NEW AN3x Series LED Matrix Drivers**. The **AN3x Series** is a single chip solution which can drive from 3 to 288 single color LEDs or from 1 to 96 RBD LEDs. With automatic LED lighting effect control over an I2C/SPI interface, it's easy to implement special lighting effects with minimum software control. This reduces the total operation current of the LED array.

Features

- 256 Step Fade-In/Fade-Out Control
- Automatic Luminance Controller (ALC)
- Music Synchronization
- Firefly Lighting Effect
- Scroll Function
- I2C/SPI Interface

Benefits

- Minimal Software Control Required
- Frees Up Processor for Other Tasks
- Pre-Configured Lighting Schemes
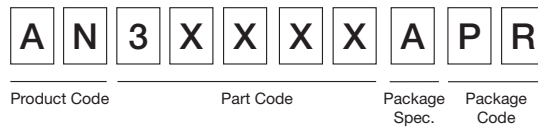- Created Beautiful, Colorful Displays

Industries

- Portable Electronics
- Mobile Phones
- Computers
- Gaming
- Home Appliances

Applications

- LED Indicators
- Keyboard/Keypad Backlighting
- LED Matrix Displays
- Ambient LED Lighting

Part Number Information

A	N	3	X	X	X	X	A	P	R

Product Code — Part Code — Package Spec. — Package Code

A	Standard
B	Revised 1st
C	Revised 2nd

PR	Tight Sealed Embossed Type (Right)
PB	Tight Sealed Embossed Type (Back)
VB	Moisture Prevention Embossed Type (Back)
VF	Moisture Prevention Embossed Type (Front)

Additional Information

For detailed specification information on the **AN3x Series** LED Matrix Driver, visit our website at:

http://www.panasonic.com/industrial/electronic-components/semiconductors/

Website: www.panasonic.com/industrial
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