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FireBeetle Covers-24×8 LED Matrix (Red)

SKU:DFR0488 Brand:DFRobot Reward Points: 150

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* Model: White Blue Green Yellow Red

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INTRODUCTION

DFRobot FireBeetle is a low-power consumption micro-controller intentionally designed for Internet of Things (IoT). This series micro-controllers aims at IoT node of low-power consumption, attending to build the IoT hardware platform quickly and conveniently. There are three types of FireBeetle, containing Boards (main control), Covers (expansion boards) and related Accessories.
This 24×8 LED Matrix display is special designed for FireBeetle series. It supports low-power consumption mode and scrolling display. With HT1632C high performance LED driver chip, every led has independent register, which makes it easy to drive separately. It integrates a 256KHz RC clock, only 5uA under low-power mode, support 16 scale PWM brightness adjustment. This product also works with the other Arduino micrcontroller like Arduino UNO (same as DFRduino UNO).

SPECIFICATION

- Operating Voltage: 3.3~5V
- LED Color: Red
- Drive Chip: HT1632C
- Working Current: 6~100mA
- Low-power Consumption: 5uA
- RC clock: 256KHz
- Chip Select (CS): D2, D3, D4, D5 selectable
- Serial Data Communication
- Support Arduino Library
- Support Scrolling display
- Interface mode: FireBeetle Series Compatible
- Operating Temperature: -10℃~+85℃
- Dimension: 24 × 58(mm)/0.94 x 2.28(inches)
- Weight: 26g

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DOCUMENTS

Product WIKI
More Documents

SHIPPING LIST

- FireBeetle Covers-24x8 LED Matrix (Red) x1
- 18pin-2.54mm Pin Header x2
- 18pin-2.54mm Female Pin Header x2

REVIEW

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