



Ko te ahua he whakaahua.  
Tirohia nga whakaritenga mo nga taipitopito hua.

### EFM8LB12F64E-B-QFP32R

Tau Wae: [EFM8LB12F64E-B-QFP32R](#)  
 Whakaahuatanga Hua: IC MCU 8BIT 64KB FLASH 32QFP  
 RoHS Tūnga: Whakahaerehia te kore utu / RoHS  
 Ngā Rauemi: [EFM8LB12F64E-B-QFP32R.pdf](#)

Kaihanga / Waitohu: Energy Micro (Silicon Labs)  
 Tuhinga mai i: Hong Kong  
 Te Ara Tuhi: DHL/Fedex/TNT/UPS/EMS

[TUKUNA HE UIUI](#)

#### Taipitopito hua

|   |                              |  |  |
|---|------------------------------|--|--|
| <b>Tau Wae</b>                            | EFM8LB12F64E-B-QFP32R        | <b>Kaihanga</b>                                | Energy Micro (Silicon Labs)  |
| <b>Whakaahuatanga</b>                     | IC MCU 8BIT 64KB FLASH 32QFP | <b>Whakahaere Toko Whakahaere / RoHS Tūnga</b> | Whakahaerehia te kore utu / RoHS   |
| <b>Pepa Raraunga</b>                      | EFM8LB12F64E-B-QFP32R.pdf    |  |  |
| <b>Ngaohihi - Whakaetanga (Vcc / Vdd)</b> | 2.2 V ~ 3.6 V                | <b>Pūrere Pūrere Whakarato</b>                 | 32-QFP (7x7)   |
| <b>Tere</b>                               | 72MHz                        | <b>Raupapa</b>                                 | Laser Bee  |
| <b>Rahi RAM</b>                           | 4.25K x 8                    | <b>Momo Momo Ratonga</b>                       | FLASH  |
| <b>Rahi Motu Ratonga</b>                  | 64KB (64K x 8)               | <b>Nga Papahanga Reo</b>                       | Brown-out Detect/Reset, POR, PWM, WDT  |
| <b>Packaging</b>                          | Tape & Reel (TR)             | <b>Paa / Case</b>                              | 32-TQFP  |
| <b>Oscillator Momo</b>                    | Internal                     | <b>Tae Mahi</b>                                | -40°C ~ 105°C (TA)   |
| <b>Tau o I / O</b>                        | 28                           | <b>Taumata Whakaaro Moe (MSL)</b>              | 2 (1 Year)   |
| <b>Te Tae Kaituku Taeke</b>               | 6 Weeks                      | <b>Whakahaere Toko Whakahaere / RoHS Tūnga</b> | Lead free / RoHS Compliant   |
| <b>Rae EEPROM</b>                         | -                            | <b>Whakaahuatanga Taipitopito</b>              | CIP-51 8051 Laser Bee Microcontroller IC 8-Bit 72MHz 64KB (64K x 8) FLASH 32-QFP (7x7) |
| <b>Raraunga Raraunga</b>                  | A/D 20x14b, D/A 4x12b        | <b>Nui Rahi</b>                                | 8-Bit  |
| <b>Te tukatuka Core</b>                   | CIP-51 8051                  | <b>Hononga</b>                                 | I <sup>2</sup> C, SMBus, SPI, UART/USART   |

#### Hua e Hono ana

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|---|---|
| <p><b>EFM8LB12F64E-B-QFN24R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QFN24R.pdf</a></p> <p><a href="#">RFQ</a></p>     | <p><b>EFM8LB12F64E-A-QSOP24R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QSOP<br/>                 Tikiake: <a href="#">EFM8LB12F64E-A-QSOP24R.pdf</a></p> <p><a href="#">RFQ</a></p>  |
| <p><b>EFM8LB12F64ES0-B-QFN24R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64ES0-B-QFN24R.pdf</a></p> <p><a href="#">RFQ</a></p> | <p><b>EFM8LB12F64E-B-QFN32R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 32QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QFN32R.pdf</a></p> <p><a href="#">RFQ</a></p>     |
| <p><b>EFM8LB12F64E-B-QSOP24</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QSOP<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QSOP24.pdf</a></p> <p><a href="#">RFQ</a></p>    | <p><b>EFM8LB12F64E-B-QFN32</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 32QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QFN32.pdf</a></p> <p><a href="#">RFQ</a></p>       |
| <p><b>EFM8LB12F64ES0-B-QFN32</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 32QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64ES0-B-QFN32.pdf</a></p> <p><a href="#">RFQ</a></p>   | <p><b>EFM8LB12F64E-B-QSOP24R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QSOP<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QSOP24R.pdf</a></p> <p><a href="#">RFQ</a></p>  |
| <p><b>EFM8LB12F64E-B-QFN24</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QFN24.pdf</a></p> <p><a href="#">RFQ</a></p>       | <p><b>EFM8LB12F64ES0-B-QFN32R</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 32QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64ES0-B-QFN32R.pdf</a></p> <p><a href="#">RFQ</a></p> |
| <p><b>EFM8LB12F64E-B-QFP32</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 32QFP<br/>                 Tikiake: <a href="#">EFM8LB12F64E-B-QFP32.pdf</a></p> <p><a href="#">RFQ</a></p>       | <p><b>EFM8LB12F64ES0-B-QFN24</b><br/>                 Kaihanga: Energy Micro (Silicon Labs)<br/>                 Whakaahuatanga: IC MCU 8BIT 64KB FLASH 24QFN<br/>                 Tikiake: <a href="#">EFM8LB12F64ES0-B-QFN24.pdf</a></p> <p><a href="#">RFQ</a></p>   |

#### Nga tohu e pa ana

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|---|---|--|
| Energy Micro (Silicon Labs) EFM8LB12F64E-B-QFP32R | EFM8LB12F64E-B-QFP32R Kaitoha             | EFM8LB12F64E-B-QFP32R Kaiwhakarato                       |
| EFM8LB12F64E-B-QFP32R Utu                         | EFM8LB12F64E-B-QFP32R Nga Whakaahua       | EFM8LB12F64E-B-QFP32R Whakaahua                          |
| Pukaiti PDF EFM8LB12F64E-B-QFP32R PDF             | EFM8LB12F64E-B-QFP32R Tangohia te Pukaiti | Pukaiti EFM8LB12F64E-B-QFP32R                            |
| EFM8LB12F64E-B-QFP32R Stock                       | Hokona EFM8LB12F64E-B-QFP32R              | Hokona Energy Micro (Silicon Labs) EFM8LB12F64E-B-QFP32R |
| Energy Micro (Silicon Labs) EFM8LB12F64E-B-QFP32R | Energy Micro (Silicon Labs) Kaiwhakarato  | Kaitoha Energy Micro (Silicon Labs)                      |
| Energy Micro (Silicon Labs) EFM8LB12F64E-B-QFP32R | Energy Micro EFM8LB12F64E-B-QFP32R        | Energy Micro (Silicon Labs) EFM8LB12F64E-B-QFP32R        |
| Silicon Laboratories EFM8LB12F64E-B-QFP32R        | Silicon Labs EFM8LB12F64E-B-QFP32R        |  |