

Image may be representation.
See specifications for product details.



EPM570F256I5

| | |
|--------------------------|---|
| Manufacturer Part Number | EPM570F256I5 |
| Manufacturer | Intel |
| Allelco Part Number | 32D-EPM570F256I5 |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC CPLD 440MC 5.4NS 256FBGA |
| Package | 256-BGA |
| Data sheet | Cylindrical Battery Holders.pdf |

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EPM570F256I5 - Intel.New Original in Stock. Download Linear Technology EPM570F256I5 datasheet/specifications on AllelcoElec.com.
Request a quote for EPM570F256I5, please send us email: info@allelco.com

Specifications

EPM570F256I5 Tech Specifications

EPM570F256I5 - Intel technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|---------------------------|------------------------|---------------------------------|--------------------|
| Manufacturer | Intel | Operating Temperature | -40°C ~ 100°C (TJ) |
| Voltage Supply - Internal | 2.5V, 3.3V | Number of Macrocells | 440 |
| Supplier Device Package | 256-FBGA (17x17) | Number of Logic Elements/Blocks | 570 |
| Series | MAX® II | Number of I/O | 160 |
| Programmable Type | In System Programmable | Mounting Type | Surface Mount |
| Package / Case | 256-BGA | Delay Time tpd(1) Max | 5.4 ns |
| Package | Tray | Base Product Number | EPM570 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM570F256I5

| Product Attribute | | | | |
|---------------------------------|------------------------|-------------------------------|-------------------------------|-------------------------------|
| Part Number | EPM570F256I5 | EPM570F256C4N | EPM570F256I5N | EPM570F256C3N |
| Manufacturer | Intel | Intel | Intel | Intel |
| Programmable Type | In System Programmable | In System Programmable | In System Programmable | In System Programmable |
| Delay Time tpd(1) Max | 5.4 ns | 5.4 ns | 5.4 ns | 5.4 ns |
| Package | Tray | Tray | Tray | Tray |
| Number of I/O | 160 | 160 | 160 | 160 |
| Supplier Device Package | 256-FBGA (17x17) | 256-FBGA (17x17) | 256-FBGA (17x17) | 256-FBGA (17x17) |
| Number of Macrocells | 440 | 440 | 440 | 440 |
| Operating Temperature | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) |
| Series | MAX® II | MAX® II | MAX® II | MAX® II |
| Package / Case | 256-BGA | 256-BGA | 256-BGA | 256-BGA |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Logic Elements/Blocks | 570 | 570 | 570 | 570 |
| Voltage Supply - Internal | 2.5V, 3.3V | 2.5V, 3.3V | 2.5V, 3.3V | 2.5V, 3.3V |
| Base Product Number | EPM570 | EPM570 | EPM570 | EPM570 |

EPM570F256I5 Datasheet PDF

Download EPM570F256I5 pdf datasheets and Intel documentation for EPM570F256I5 - Intel.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Errata

[MAX II Device Family Errata.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

[MAX II EOL-Reversal 19/Mar/2021.pdf](#)

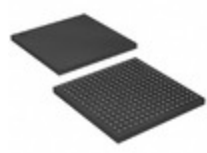
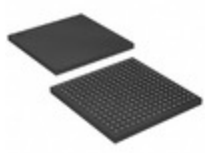
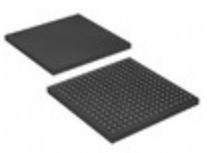
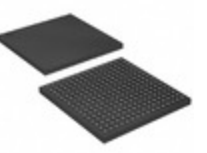
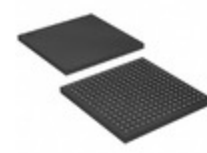

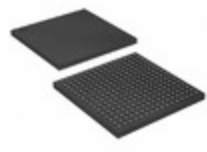
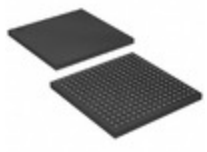
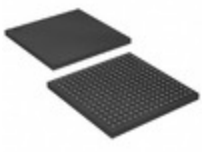

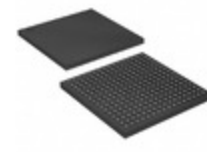


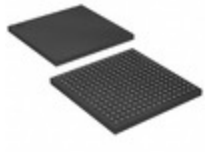
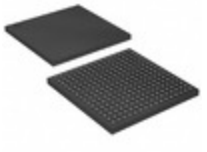
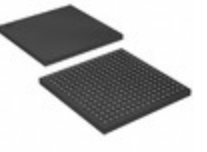


[Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Design/Specification

[Quartus SW/Web Chgs 23/Sep/2021.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| EPM570F256C4N | EPM570F256I5N | EPM570F256C3N | EPM570GF256C3 | EPM570GF256I5N | EPM570GF100I5N |
| Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 100FBGA |
|  |  |  |  |  |  |
| EPM570F256C4 | EPM570GF256C5N | EPM570F256C5 | EPM570GF100C5N | EPM570GF256C5 | EPM570F100I5N |
| Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 100FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 100FBGA |
|  |  |  |  |  |  |
| EPM570F256C5RR | EPM570GF256C4N | EPM570GF256C3N | EPM570F256C5N | EPM570F100C4N | EPM570F100C5N |
| Intel IC CPLD 440MC 8.7NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 256FBGA | Intel IC CPLD 440MC 5.4NS 100FBGA | Intel IC CPLD 440MC 5.4NS 100FBGA |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

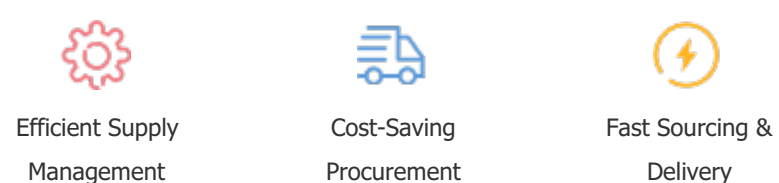
Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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