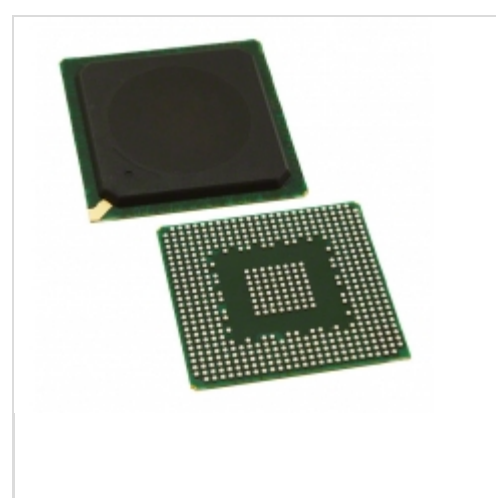


**MPC8313EVRAFF**

[NXP Semiconductors / Freescale](#)

IC MPU MPC83XX 333MHZ 516BGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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part#MPC8313EVRAFF is available, see description of MPC8313EVRAFF as below .

use the request quote form to request MPC8313EVRAFF price and lead time.

Buy Electronic Components at zeanoit.com .we are an independent distributor of electronic components with extensive inventory in stock.

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## Shopping Process

**1**
**Confirm the product**
**2**
**submit the order**
**3**
**payment**
**4**
**wait for delivery**
**5**
**receive the goods**

## Specifications

<b>Voltage - I/O:</b>	1.8V, 2.5V, 3.3V
<b>USB:</b>	USB 2.0 + PHY (1)
<b>Supplier Device Package:</b>	516-TEPBGA (27x27)
<b>Speed:</b>	333MHz
<b>Series:</b>	MPC83xx
<b>Security Features:</b>	Cryptography
<b>SATA:</b>	-
<b>RAM Controllers:</b>	DDR, DDR2
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	516-BBGA Exposed Pad
<b>Operating Temperature:</b>	0°C ~ 105°C (TA)
<b>Number of Cores/Bus Width:</b>	1 Core, 32-Bit
<b>Graphics Acceleration:</b>	No
<b>Ethernet:</b>	10/100/1000 Mbps (2)
<b>Display &amp; Interface Controllers:</b>	-
<b>Core Processor:</b>	PowerPC e300c3
<b>Co-Processors/DSP:</b>	Security; SEC 2.2
<b>Additional Interfaces:</b>	DUART, HSSI, I <sup>2</sup> C, PCI, SPI

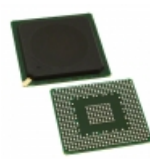
## Related products


**MPC8313ECZQAFFC**  
IC MPU MPC83XX 333MHZ 516BGA  
[NXP USA Inc.](#)

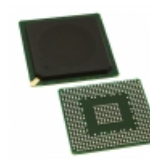
RFQ


**MPC8313EZQADDB**  
IC MPU MPC83XX 267MHZ 516BGA  
[NXP USA Inc.](#)

RFQ


**MPC8313EVRAGDB**  
IC MPU MPC83XX 400MHZ 516BGA  
[NXP USA Inc.](#)

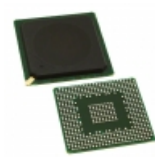
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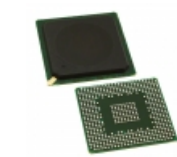
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[NXP USA Inc.](#)

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**MPC8313EZQADD**  
IC MPU MPC83XX 267MHZ 516BGA  
[NXP USA Inc.](#)

RFQ

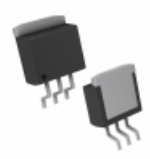

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IC CONV DC/DC 3-CHAN 20-TSSOP  
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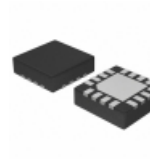
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**FAN1589MCX**  
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