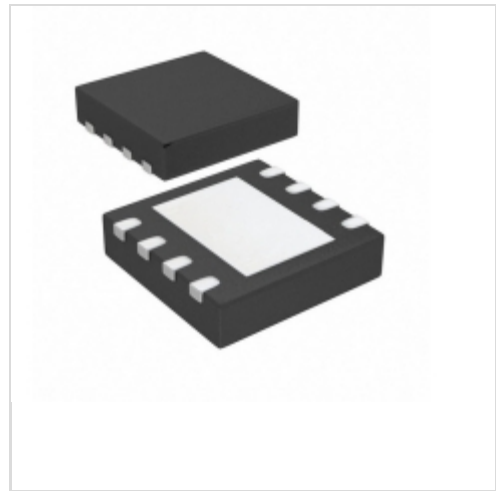


## MCP1642DT-18I/MC



**Microchip Technology**

IC REG BOOST SYNC 1.8V 1.8A

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[MCP1642DT-18I/MC.pdf](#)

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We can supply MCP1642DT-18I/MC, use the request quote form to request MCP1642DT-18I/MC price and lead time. Zeano is a professional electronic components distributor. With 3+ Million line items of available electronic components can ship in short lead-time, over 250 thousand part numbers of electronic components in stock for immediately delivery, which may include part number MCP1642DT-18I/MC. The price and lead time for MCP1642DT-18I/MC depending on the quantity required and warehouse location. Contact us and our sales representative will provide you price. We look forward to work with you.

**Out Stock**

**0 pcs**

Minimum: 1

Multiples: 100

Manufacturer lead time 10 weeks

### Shopping Process

**1**

**Confirm the product**

**2**

**submit the order**

**3**

**payment**

**4**

**wait for delivery**

**5**

**receive the goods**

### Specifications

<b>Voltage - Output (Min/Fixed):</b>	1.8V
<b>Voltage - Output (Max):</b>	-
<b>Voltage - Input (Min):</b>	0.65V
<b>Voltage - Input (Max):</b>	5.5V
<b>Topology:</b>	Boost
<b>Synchronous Rectifier:</b>	Yes
<b>Supplier Device Package:</b>	8-DFN (2x3)
<b>Series:</b>	-
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	8-VDFDN Exposed Pad
<b>Output Type:</b>	Fixed
<b>Output Configuration:</b>	Positive
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of Outputs:</b>	1
<b>Mounting Type:</b>	Surface Mount
<b>Function:</b>	Step-Up
<b>Frequency - Switching:</b>	1MHz
<b>Current - Output:</b>	800mA

### Related products



**MCP1642D-50I/MS**  
IC REG BOOST SYNC 5V 1.8A  
[Microchip Technology](#)

**RFQ**



**MCP1642DT-30I/MS**  
IC REG BOOST SYNC 3V 1.8A  
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**RFQ**



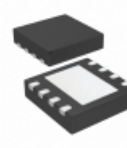
**MCP1642DT-18I/MS**  
IC REG BOOST SYNC 1.8V 1.8A  
[Microchip Technology](#)

**RFQ**



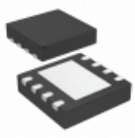
**MCP1642D-ADJI/MS**  
IC REG BOOST SYNC ADJ 1.8A  
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**RFQ**



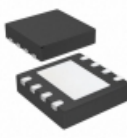
**MCP1642D-ADJI/MC**  
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**MCP1642D-50I/MC**  
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**RFQ**



**MCP1642DT-33I/MC**  
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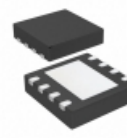
**MCP1642D-33I/MS**  
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**214-3339-09-0602J**  
SOCKET ADAPTER 14DIP TO 14DIP  
[3M](#)

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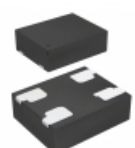
**SIT1602AI-13-18S-33.333330D**  
OSC XO 1.8V 33.33333MHZ ST  
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**SIT1602BI-13-28E-33.000000D**  
-40 TO 85C, 2520, 50PPM, 2.8V, 3  
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