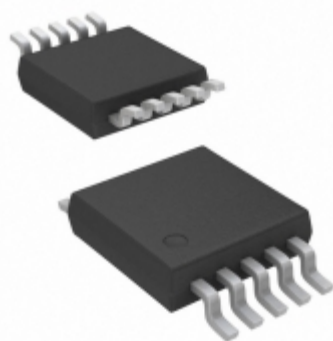


ADP1870ARMZ-0.6-R7





AHEAD OF WHAT'S POSSIBLE™

Part Number: [ADP1870ARMZ-0.6-R7](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC REG CTRLR BUCK 10MSOP

Data sheet:  [ADP1870,71](#)

RoHs Status: Lead free / RoHS Compliant

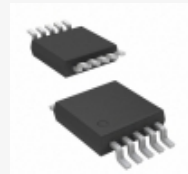
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy ADP1870ARMZ-0.6-R7 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |                                  |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ADP1870ARMZ-0.6-R7                                               | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG CTRLR BUCK 10MSOP                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 60328 pcs                                                        | Data sheet                       | <a href="#">ADP1870,71</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply (Vcc/Vdd)       | 2.95 V ~ 20 V                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck                                                             | Synchronous Rectifier            | Yes                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10-MSOP                                                          | Series                           | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                | Packaging                        | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                         | Output Type                      | Transistor Driver                                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                | Output Configuration             | Positive                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ADP1870ARMZ-0.6-R7-ND<br>ADP1870ARMZ-0.6-R7TR<br>ADP1870ARMZ06R7 | Operating Temperature            | -40°C ~ 125°C (TJ)                                                   |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13 Weeks                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Step-Down                                                        | Frequency - Switching            | 600kHz                                                               |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 65%                                                              | Detailed Description             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Enable                                                           | Clock Sync                       | No                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ADP1870                                                          |                                  |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 60328 pieces of ADI (Analog Devices, Inc.) ADP1870ARMZ-0.6-R7 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                  |                                  |                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">ADP1871ACPZ-0.6-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871ACPZ-1.0-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871-0.3-EVALZ</a><br>Description: BOARD EVAL FOR ADP1871-0.3 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870ACPZ-0.6-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870ACPZ-1.0-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870-0.3-EVALZ</a><br>Description: BOARD EVAL FOR ADP1870-0.3 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871ACPZ-0.3-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870ARMZ-0.3-R7</a><br>Description: IC REG CTRLR BUCK 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870-0.6-EVALZ</a><br>Description: BOARD EVAL FOR ADP1870-0.6 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871-BL1-EVZ</a><br>Description: EVAL BOARD FOR ADP1871       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870-1.0-EVALZ</a><br>Description: BOARD EVAL FOR ADP1870-1.0 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871-BL2-EVZ</a><br>Description: EVAL BOARD FOR ADP1871       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870ARMZ-1.0-R7</a><br>Description: IC REG CTRLR BUCK 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870ACPZ-0.3-R7</a><br>Description: IC REG CTRLR BUCK 10LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871-1.0-EVALZ</a><br>Description: BOARD EVAL FOR ADP1871-1.0 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871ARMZ-0.3-R7</a><br>Description: IC REG CTRLR BUCK 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870-BL1-EVZ</a><br>Description: EVAL BOARD FOR ADP1870       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1871-0.6-EVALZ</a><br>Description: BOARD EVAL FOR ADP1871-0.6 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1870-BL2-EVZ</a><br>Description: EVAL BOARD FOR ADP1870       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">ADP1864AUJZ-R7</a><br>Description: IC REG CTRLR BUCK TSOT23-6    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

Related keywords for ADP1870ARMZ-0.6-R7

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