

ADP2166ACPZ-1.8-R7



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Part Number: [ADP2166ACPZ-1.8-R7](#)

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

Description: IC REG BUCK 1.8V 6A SYNC 24LFCSP

Data sheet:  [ADP2165-66](#)

RoHs Status: Lead free / RoHS Compliant

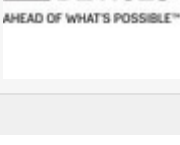
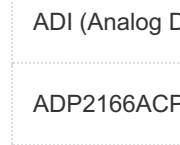
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PRODUCT PARAMETER			
Part Number	ADP2166ACPZ-1.8-R7	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC REG BUCK 1.8V 6A SYNC 24LFCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39483 pcs	Data sheet	ADP2165-66
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.8V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.7V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	24-LFCSP-WQ (4x4)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	24-WFQFN Exposed Pad, CSP	Output Type	Fixed
Output Configuration	Positive	Other Names	ADP2166ACPZ-1.8-R7TR
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	250kHz ~ 1.4MHz
Detailed Description	Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 6A 24-WFQFN Exposed Pad, CSP	Current - Output	6A
Base Part Number	ADP2166		
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	Part#: ADP2165ACPZ-1.2-R7 Description: IC REG BUCK 1.2V 5A SYNC 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADP2165ACPZ-R7 Description: IC REG BUCK ADJ 5A SYNC 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADP2165ACPZ-1.8-R7 Description: IC REG BUCK 1.8V 5A SYNC 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADP220ACBZ-26235R7 Description: IC REG LIN 2.35/2.6V 6WLCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADP220ACBZ-2525R7 Description: IC REG LIN 2.5/2.5V 200MA 6WLCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADP2165ACPZ-1.0-R7 Description: IC REG BUCK 1V 5A SYNC 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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