

**LT1765ES8#PBF**



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**Part Number:** [LT1765ES8#PBF](#)

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

**Description:** IC REG BUCK ADJ 3A 8SOIC

**Data sheet:** [PDF LT1765\(-1.8,2.5,3.3,5\) Datasheet](#)

[PDF Mac OS X Shortcuts](#)

[PDF LTspice Flyer](#)

[PDF LTspice IV Getting Started Guide](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">LT1765ES8#PBF</a>
<b>Manufacturer</b>	<a href="#">ADI (Analog Devices, Inc.)</a>
<b>Description</b>	IC REG BUCK ADJ 3A 8SOIC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	18092 pcs
<b>Product Photo</b>	<a href="#">LT1765ES8#PBF.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Output (Min/Fixed)</b>	1.2V
<b>Voltage - Output (Max)</b>	22.5V
<b>Voltage - Input (Min)</b>	3V
<b>Voltage - Input (Max)</b>	25V
<b>Topology</b>	Buck
<b>Synchronous Rectifier</b>	No
<b>Supplier Device Package</b>	8-SOIC
<b>Series</b>	-
<b>Packaging</b>	Tube
<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width)
<b>Output Type</b>	Adjustable
<b>Output Configuration</b>	Positive
<b>Other Names</b>	LT1765ES8PBF
<b>Operating Temperature</b>	0°C ~ 125°C (TJ)
<b>Number of Outputs</b>	1
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Function</b>	Step-Down
<b>Frequency - Switching</b>	1.25MHz
<b>Detailed Description</b>	Buck Switching Regulator IC Positive Adjustable 1.2V 1 Output 3A 8-SOIC (0.154", 3.90mm Width)
<b>Current - Output</b>	3A
<b>Base Part Number</b>	LT1765

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	<b>Part#:</b> <a href="#">LT1765EFE-5#PBF</a> <b>Description:</b> IC REG BUCK 5V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 14474	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765ES8#TRPBF</a> <b>Description:</b> IC REG BUCK ADJ 3A 8SOIC	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 21567	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-3.3#PBF</a> <b>Description:</b> IC REG BUCK 3.3V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 19249	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE#TRPBF</a> <b>Description:</b> IC REG BUCK ADJ 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 14221	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-5</a> <b>Description:</b> IC REG BUCK 5V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">Linear Technology</a> <b>In Stock:</b> 4401	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EGN-5#TRPBF</a> <b>Description:</b> IC REG BUCK SEPIC 5V 1.5A 16SSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 21165	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-2.5#PBF</a> <b>Description:</b> IC REG BUCK 2.5V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 15183	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EFE-5#TRPBF</a> <b>Description:</b> IC REG BCK SEPIC 5V 1.5A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 18374	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EFE-5#PBF</a> <b>Description:</b> IC REG BCK SEPIC 5V 1.5A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 19861	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-1.8#TRPBF</a> <b>Description:</b> IC REG BUCK 1.8V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 15564	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EGN-5#PBF</a> <b>Description:</b> IC REG BUCK SEPIC 5V 1.5A 16SSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 26227	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EFE#PBF</a> <b>Description:</b> IC REG BUCK SEPIC ADJ 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 20771	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766HFE#PBF</a> <b>Description:</b> IC REG BUCK SEPIC ADJ 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 18718	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-5#TRPBF</a> <b>Description:</b> IC REG BUCK 5V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 17998	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-1.8#PBF</a> <b>Description:</b> IC REG BUCK 1.8V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 14208	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EFE#TRPBF</a> <b>Description:</b> IC REG BUCK SEPIC ADJ 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 19895	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EGN#TRPBF</a> <b>Description:</b> IC REG BCK SEPIC ADJ 1.5A 16SSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 23486	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-3.3#TRPBF</a> <b>Description:</b> IC REG BUCK 3.3V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 14355	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1765EFE-2.5#TRPBF</a> <b>Description:</b> IC REG BUCK 2.5V 3A 16TSSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 16944	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT1766EGN#PBF</a> <b>Description:</b> IC REG BCK SEPIC ADJ 1.5A 16SSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a> <b>In Stock:</b> 22901	<a href="#">RFQ</a>

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