

KA7500B



ON Semiconductor®

Part Number: [KA7500B](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC REG CTRLR BUCK 16DIP

Data sheet:  [KA7500B](#)

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 KA7500B with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
Part Number	KA7500B	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG CTRLR BUCK 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	254308 pcs	Data sheet	KA7500B
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7 V ~ 42 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	16-DIP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	0°C ~ 70°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	1kHz ~ 300kHz
Duty Cycle (Max)	45%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-DIP
Control Features	Dead Time Control	Clock Sync	No
Base Part Number	KA7500		
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RELATED PRODUCTS			
	Part#: KA741D Description: IC OPAMP GP 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75310MTF Description: IC VOLTAGE DETECTOR 3.1V SOT-89	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75250ZBU Description: IC VOLTAGE DETECTOR 2.5V TO-92	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75250ZTA Description: IC VOLTAGE DETECTOR 2.5V TO-92	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75270ZTA Description: IC VOLTAGE DETECTOR 2.7V TO-92	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA741DTF Description: IC OPAMP GP 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75250MTF Description: IC VOLTAGE DETECTOR 2.5V SOT-89	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA723D Description: IC REG LIN POS ADJ 150MA 14SOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA723 Description: IC REG LIN POS ADJ 150MA 14DIP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA7500C Description: IC REG CTRLR BUCK 16DIP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: KA75270MTF Description: IC VOLTAGE DETECTOR 2.5V SOT-89	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: KA7500CDTF Description: IC REG CTRLR BUCK 16SOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA700B14 Description: KNOB FLUTED 0.250" METAL	Manufacturers: Agastat Relays / TE Connectivity	RFQ
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	Part#: KA7411 Description: IC OPAMP GP 8DIP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA75290MTF Description: IC VOLTAGE DETECTOR 2.5V SOT-89	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: KA723DTF Description: IC REG LIN POS ADJ 150MA 14SOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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