

MC17XSF500EK



Part Number: [MC17XSF500EK](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC SWITCH PENTA 32SOIC

Data sheet:  [MC07XSF517BEK, MC17XSFx00\(B\)EK Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

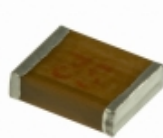
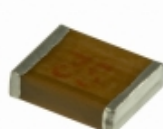
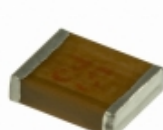
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PRODUCT PARAMETER			
Part Number	MC17XSF500EK	Manufacturer	NXP Semiconductors / Freescale
Description	IC SWITCH PENTA 32SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27821 pcs	Data sheet	MC07XSF517BEK, MC17XSFx00(B)EK Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Voltage - Load	7 V ~ 18 V	Switch Type	General Purpose
Supplier Device Package	32-SOIC EP	Series	-
Rds On (Typ)	17 mOhm	Ratio - Input:Output	1:1
Packaging	Tube	Package / Case	32-BSSOP (0.295", 7.50mm Width) Exposed Pad
Output Type	N-Channel	Output Configuration	High Side
Other Names	568-14586 934070624574 MC17XSF500EK-ND	Operating Temperature	-40°C ~ 125°C (TA)
Number of Outputs	5	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	SPI
Input Type	-	Features	-
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO	Current - Output (Max)	5.5A
Base Part Number	MC17XSF500		
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RELATED PRODUCTS			
	Part#: MC18FA251F-F Description: CAP MICA 250PF 1% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC17XSF400EK Description: IC SWITCH HIGH SIDE 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XSG500EK Description: HIGH-SIDE SWITCH, 12V, PENTA 17M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XSF400EKR2 Description: IC SWITCH HIGH SIDE 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XS6500EKR2 Description: IC SWITCH PENTA 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XS6400EKR2 Description: IC SWITCH HIGH SIDE 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XSF500BEK Description: IC SWITCH PENTA 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XS6500EK Description: IC SWITCH PENTA 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC18FA251J-TF Description: CAP MICA 250PF 5% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC17XS6500BEKR2 Description: HIGH-SIDE SWITCH 12V PENTA 17M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC18FA271F-F Description: CAP MICA 270PF 1% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC17XS6400EK Description: IC SWITCH HISD 12V DUAL 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC18FA251J-F Description: CAP MICA 250PF 5% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC17XSF500EKR2 Description: IC SWITCH PENTA 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC17XS6500BEK Description: HIGH-SIDE SWITCH 12V PENTA 17M	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC18FA251G-F Description: CAP MICA 250PF 2% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC18FA251G-TF Description: CAP MICA 250PF 2% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ
	Part#: MC18FA251F-TF Description: CAP MICA 250PF 1% 100V 1812	Manufacturers: Cornell Dubilier Electronics	RFQ

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