



9ERS3125BKLF Information

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For Reference Only

Part Number 9ERS3125BKLF

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Clock/Timing - Application Specific

Description IC EMBEDDED PC MAIN CLK 56VQFN

Package 56-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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9ERS3125BKLF Specifications

Manufacturer Part Number 9ERS3125BKLF Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Application Specific Package 56-VFQFN Exposed Pad Series - PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	•	
Category Integrated Circuits (ICs) Clock/Timing - Application Specific Package 56-VFQFN Exposed Pad Series - PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits I Ratio - Input:Output Differential - Input:Output No/Yes Frequency - Max Voltage - Supply Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 1 Integrated Circuits (ICs) Clock Number of Circuits 1 Ratio - Input:Output No/Yes Package / Case S6-VFQFPN (8x8)	Manufacturer Part Number	9ERS3125BKLF
Clock/Timing - Application Specific Package 56-VFQFN Exposed Pad 5eries PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits I Ratio - Input:Output I:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature Mounting Type Surface Mount Package / Case S6-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Manufacturer	IDT, Integrated Device Technology Inc
Package 56-VFQFN Exposed Pad Series - PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Category	Integrated Circuits (ICs)
Series - PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)		Clock/Timing - Application Specific
PLL Yes Main Purpose Intel CK505 Input Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFN (8x8)	Package	56-VFQFN Exposed Pad
Main PurposeIntel CK505InputCrystalOutputClockNumber of Circuits1Ratio - Input:Output1:18Differential - Input:OutputNo/YesFrequency - Max400MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Series	-
Input Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1:18 Differential - Input:Output No/Yes Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	PLL	Yes
OutputClockNumber of Circuits1Ratio - Input:Output1:18Differential - Input:OutputNo/YesFrequency - Max400MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Main Purpose	Intel CK505
Number of Circuits Ratio - Input:Output Differential - Input:Output No/Yes Frequency - Max Voltage - Supply Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 1:18 No/Yes 400MHz 3.135 V ~ 3.465 V Operating Temperature O°C ~ 70°C Surface Mount 56-VFQFN Exposed Pad Supplier Device Package	Input	Crystal
Ratio - Input:Output Differential - Input:Output No/Yes Frequency - Max Voltage - Supply Operating Temperature O°C ~ 70°C Mounting Type Surface Mount Package / Case Supplier Device Package 1:18 No/Yes 400MHz 3.135 V ~ 3.465 V Operating Temperature O°C ~ 70°C Surface Mount 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Output	Clock
Differential - Input:Output Frequency - Max 400MHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Number of Circuits	1
Frequency - Max Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Ratio - Input:Output	1:18
Voltage - Supply $3.135 \text{ V} \sim 3.465 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $56\text{-VFQFN Exposed Pad}$ Supplier Device Package 56-VFQFN (8x8)	Differential - Input:Output	No/Yes
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Frequency - Max	400MHz
Mounting Type Surface Mount Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Operating Temperature	0°C ~ 70°C
Supplier Device Package 56-VFQFPN (8x8)	Mounting Type	Surface Mount
	Package / Case	56-VFQFN Exposed Pad
D	Supplier Device Package	56-VFQFPN (8x8)
Report errors?		Report errors?

9ERS3125BKLF Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

9ERS3125BKLF Payment Methods



















9ERS3125BKLF Shipping Methods













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