## ICS9169M-01 Details PDF





ICS9169M-01

| Part Number:        | ICS9169M-01                        |  |
|---------------------|------------------------------------|--|
| Manufacturer/Brand: | IDT (Integrated Device Technology) |  |
| Product description | IC FREQUENCY GENERATOR 28-SOIC     |  |
| Datasheets:         | n 1.ICS9169M-01.pdf                |  |
|                     | De 2.ICS9169M-01.pdf               |  |
| RoHs Status         | Contains lead / RoHS non-compliant |  |
| Ship From           | Hong Kong                          |  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS              |  |
|                     |                                    |  |

#### **REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

| PART NUMBERICS9169H-01MANUFACTURERICT (Integrade Device Technology)MANUFACTURERICT (REQUENCY GENERATOR 28-SolicLEAD FREE STATUS / ROHS STATUSContains lead / ROHS non-compliantDATA SHEETGal 1:CS9169H-01.pdfVICTAGE - SUPPLY3 V ~ 5.5 VSUPPLER DEVICE PACKAGE26-SOICSERIES-RATIO - INPUT:OUTPUT144PACKAGE / CASE26-SOIC (2259", 7.50mm Witht)PACKAGE / CASE26-SOIC (2500 III)PACKAGE / CASE26-SOIC (2500 III)PACKAGE / CASE26-SOIC (2500 III) </th <th></th> <th>Specifications of ICS9169M-01</th> |                                  | Specifications of ICS9169M-01      |
|--|----------------------------------|------------------------------------|
| MANUFACTURERIDT (Integrated Device Technology)DESCRIPTIONIC FREQUENCY GENERATOR 28-SOICLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantDATA SHEETICS9169H-01.pdfVOLTAGE - SUPPLY3V ~ 5.5 VSUPLIER DEVICE PACKAGE28-SOICSERIES-RATIO - INPUT:OUTPUT1:14PACKAGE / CASE28-SOIC (0.295', 7.50m Width)PACKAGE / CASE9169H-01OUTPUTGock Cogs', 7.50m Width)OUTPUTGockOUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01OUTPUT9169H-01MINITUR TEMPERATURE9169H-01MINITUR TEMPERATURE9169H-0  |                                  |                                    |
| DESCRIPTIONIC FREQUENCY GENERATOR 28-SOICLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantDATA SHEETILCS9169M-01.pdfVOLTAGE - SUPPLY3 V ~ 5.5 VSUPPLIER DEVICE PACKAGE28-SOICSERIES-RATIO - INPUT:OUTPUT1:14PACKAGE / CASE28-SOIC (0.295°, 7.50mm Width)PACKAGE / CASE28-SOIC (0.295°, 7.50mm Width)PALLYesOUTPUTClockOUTPUTClockOUTPUTClockOUTPUTClockOUTPUTSurface MountMOUNTING TYPESurface MountMOUNTING TYPEContains lead / RoHS non-compliantMIND PUROSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTCock, CrystalFREQUENCY - MAX100HitzINPUTNon-CompliantINPUTNon-CompliantINPUTNon-CompliantINPUTNoNe  | PART NUMBER                      | ICS9169M-01                        |
| LEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantDATA SHEET1.1CS9169H-01.pdfVOLTAGE - SUPPLY3 V ~ 5.5 VSUPPLIER DEVICE PACKAGE28-SOICSTRIES-RATIO - INPUT:OUTPUT1.14PACKAGINGTubePACKAGING28-SOIC (0.255", 7.50mm Width)PLVolOUTPUTClockOUTPUTClockOUTPUT0°C ~ 70°CNUMBER OF CIRCUITS1MOUTTING TYPESuface MountMOUTTING TYPESuface MountMOUTTING TYPEIntel CPU ServersILAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCock, crystalINPUTCockINPUTCock, crystalINPUTCock, crystalINPUTCockINPUTCockINPUTCock, crystalINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUTCockINPUT <td>MANUFACTURER</td> <td>IDT (Integrated Device Technology)</td>  | MANUFACTURER                     | IDT (Integrated Device Technology) |
| DATA SHEETDI 1.CS9169M-01.pdfVOLTAGE - SUPPLY3 V ~ 5.5 VSUPPLIER DEVICE PACKAGE3e-SOICSTRES-RATO - INPUT:OUTPUT114PACKAGINGVubPACKAGE / CASE3e-SOIC (0.295", 7.50mm Width)PLCokPACKAGE / CASE0e-SOIC (0.295", 7.50mm Width)PLCokOUTPUTOlookOUTPUTOlookOUTPUT0cokOMBER OF CIRCUITS0e'C ~ 0°CNUMBER OF CIRCUITS1MOUNTING TYPESuface MountMOUNTING TYPEIntel CP ServersMAIN PURPOSEIntel CP ServersINPUTCock, CrystalINPUTCock, CrystalINPUTSuface MountINPUTSuface MountINPUTSoich CorstalINPUTSoich Corstal   | DESCRIPTION                      | IC FREQUENCY GENERATOR 28-SOIC     |
| DATA SHEETImage: Instant constraintsVOLTAGE - SUPPLY3 V ~ 5.5 VSUPPLIER DEVICE PACKAGE28-SOICSRIES-RATO - INPUT:OUTPUT114PACKAGINGTubePACKAGE / CASE28-SOIC (0.295", 7.50mm Width)PLLVesOUTPUTGockOUTPUTGockOUTPUT0 for A0°COUTPUT9169M-01OUTPUT0 for A0°CNUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOUNTING TYPEContains lead / RoHS non-compliantMAIN PURPOSEContains lead / RoHS non-compliantINPUTCock, CrystalINPUTCock, CrystalINPUTCock, CrystalINPUTCock, CrystalINPUTCock, CrystalINPUTSurface, CrystalINPUTNon-compliantIFERENTIAL - INPUT:OUTPUTNo/No  | LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant |
| SUPPLIER DEVICE PACKAGESeSOICSERIES-RATIO - INPUT:OUTPUT1:14PACKAGINGTubPACKAGINGSeSOIC (0.295°, 7.50mm Width)PACKAGE / CASESeSOIC (0.295°, 7.50mm Width)PULVaOUTPUTClockOUTPUTClockOUTPUTSeSOIC (0.295°, 7.50mm Width)OUTPUTSeSOIC (0.295°, 7.50mm Width)NUMBER OF CIRCUITSSeSOIC (0.295°, 7.50mm Width)NUMBER OF CIRCUITSSufface Sound (0.295°, 7.50mm Width)MUNDER OF CIRCUITSSufface Sound (0.295°, 7.50mm Width)Sufface Sound (0.295°, 7.50mm Width)Sufface Sound (0.295  | DATA SHEET                       | —                                  |
| SERIES-RATIO - INPUT:OUTPUT114PACKAGINGTubePACKAGINGSASIC (0.295", 7.50mm Width)PACKAGE / CASE8-SOIC (0.295", 7.50mm Width)PLVesOUTPUTCockOTHER NAMES91694-01OVERATING TEMPERATURE0°C ~ 70°CNUMBER OF CIRCUITS0°C ~ 70°CMUNTING TYPESuface MountMOUNTING TYPEInlimitedMOUNTING TYPEInlimitedMIN PURPOSEIncl CPU ServersIAD FREE STATUS / ROHS STATUSOck, CystalIPUTCock, CystalIPUTIOMHZIPEQUENCY - MAXIOMHZIDFERENTIAL INPUT:OUTPUTMNO  | VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V                        |
| RATIO - INPUT:OUTPUTi:14PACKAGINGTubePACKAGINGSe>OIC (0.295°, 7.50mm Width)PACKAGE / CASESe>OIC (0.295°, 7.50mm Width)PLVsOUTPUTClockOTPUTOokOTHER NAMES969M-01OPERATING TEMPERATURE0°C ~ 0°CNUMBER OF CIRCUITS0°C ~ 0°CMOUNTING TYPESuface MountMOUNTING TYPEIntel OutputMOUNTING TYPEIntel OutputMAIN PURPOSEIntel OutputIATRE ESTATUS / ROHS STATUSCotainslead RoHS non-compliantIPUTOck, CystalIPUTIoMHzIPEQUENCY - MAXIOMHZIDFERENTIAL I.INPUT:OUTPUTNyNo   | SUPPLIER DEVICE PACKAGE          | 28-SOIC                            |
| PACKAGINGTubePACKAGINGSACIO (2.295°, 7.50mn Width)PACKAGE / CASESACIO (2.295°, 7.50mn Width)PLVesOUTPUTClockOUTPUTOlockOTHER NAMES9169M-01OPERATING TEMPERATURE0°C ~ 70°CNUMBER OF CIRCUITSOrdfacMountMOUNTING TYPESurfac MountMOINTING TYPEIulimited)MAIN PURPOSEItel CPU ServersILAD FREE STATUS / ROHS STATUSConclanschamelantINPUTCock, CystalIREQUENCY - MAX100MHzIFERENTIAL I.INPUT:OUTPUTNo/No  | SERIES                           | -                                  |
| PACKAGE / CASE28-SOIC (0.295°, 7.50mm Width)PLYesOUTPUTClockOUTPUTOfokOPERATING TEMPERATURE06° ~ 70°CNUMBER OF CIRCUITS0°C ~ 70°CMOUNTING TYPESuface MountMOINTING TYPESuface MountMAIN PURPOSE1(Unimited)IAIN PURPOSEContainslead / RoHS Non-compliantINPUTContainslead / RoHS Non-compliantINPUTSuface MountIREQUENCY - MAXMONHZIFREENTIAL - INPUT:OUTPUTMONHZ   | RATIO - INPUT:OUTPUT             | 1:14                               |
| PLLYesOUTPUTClockOTHER NAMES9690-01OPERATING TEMPERATURE0°C ~ 70°CNUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)(Inlimited)MAIN PURPOSEIndl PURPOSELAD FREE STATUS / ROHS STATUSContains lead / ROHSINPUTClock CrystalREQUENCY - MAXNOMMONNOM   | PACKAGING                        | Tube                               |
| OUTPUTClockOTHER NAMES169M-01OPERATING TEMPERATURE0°C ~ 70°CNUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1(Ulimited)MAIN PURPOSEIntel CPU ServersIAPUTCock, CrystalINPUTCock, CrystalFREQUENCY - MAX100MHzINFRETNITAL - INPUT: OUTPUTMon   | PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)     |
| OTHER NAMES969M-01OPERATING TEMPERATURE0°C ~ 0°CNUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unimited)MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / ROHSINPUTCock, CrystalFREQUENCY - MAX100HtzDIFFERENTIAL INPUT: OUTPUTNo  | PLL                              | Yes                                |
| OPERATING TEMPERATUREOC ~ 70°CNUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContain Slad / RoHS non-compliantINPUTClock, CrystalFREQUENCY - MAX100MHzLIFFERENTIAL - INPUT: OUTPUTNono   | OUTPUT                           | Clock                              |
| NUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)(Unlimited)MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTClock crystalFREQUENCY - MAX100MHzDIFFERENTIAL - INPUT: OUTPUTNo/No  | OTHER NAMES                      | 9169M-01                           |
| NOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unimited)MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTClock, CrystalFREQUENCY - MAX100MHzDIFFERENTIAL - INPUT: CUTPUTNo/No   | OPERATING TEMPERATURE            | 0°C ~ 70°C                         |
| MOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTClock, CrystalFREQUENCY - MAX100MHzDIFFERENTIAL - INPUT: OUTPUTNo/No  | NUMBER OF CIRCUITS               | 1                                  |
| MAIN PURPOSEIntel CPU ServersLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTClock, CrystalFREQUENCY - MAX100MHzDIFFERENTIAL - INPUT: OUTPUTNo/No   | MOUNTING TYPE                    | Surface Mount                      |
| LEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantINPUTClock, CrystalFREQUENCY - MAX100MHzDIFFERENTIAL - INPUT:OUTPUTNo/No   | MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                      |
| INPUT Clock, Crystal   FREQUENCY - MAX 100MHz   DIFFERENTIAL - INPUT:OUTPUT No/No  | MAIN PURPOSE                     | Intel CPU Servers                  |
| FREQUENCY - MAX100MHzDIFFERENTIAL - INPUT:OUTPUTNo/No  | LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant |
| DIFFERENTIAL - INPUT:OUTPUT No/No  | INPUT                            | Clock, Crystal                     |
|  | FREQUENCY - MAX                  | 100MHz                             |
| BASE PART NUMBER ICS9169-01  | DIFFERENTIAL - INPUT:OUTPUT      | No/No                              |
|  | BASE PART NUMBER                 | ICS9169-01                         |
|  |                                  |                                    |

# **Related Tags**

| IDT (Integrated Device Technology) ICS9169M-01    | ICS9169M-01 Distributor                        | ICS9169M-01 Supplier                               |
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## **Related Products**



## ICS9155C-01CW20

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 20-SOIC In stock: Out stock

RFQ



## ICS9170B-02CS08LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK SYNTHESIZER/MULT 8SOIC In stock: Out stock

RFQ



#### ICS9170B-01CS08LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK SYNTHESIZER/MULT 8SOIC In stock: Out stock

RFQ

## ICS9154A-27CS16LF

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 16-SOIC In stock: Out stock

RFQ



#### ICS9169M-01T

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 28-SOIC In stock: Out stock

RFQ



## ICS9161A-01CW16T

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 16-SOIC In stock: Out stock

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## ICS9155C-01CW20T

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 20-SOIC In stock: Out stock



## ICS91719AGLF

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK GENERATOR LOW EMI 16TSSOP In stock: Out stock

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#### **ICS9170B-01CS08LF**

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Manufacturers: IDT (Integrated Device Technology) Description: IC CLK SYNTHESIZER/MULT 8SOIC In stock: Out stock

RFQ

## ICS9154A-27CS16T



Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 16-SOIC In stock: Out stock

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ICS9170B-02CS08LF

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK SYNTHESIZER/MULT 8SOIC In stock: Out stock

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#### ICS9161A-01CW16

Manufacturers: IDT (Integrated Device Technology) Description: IC FREQUENCY GENERATOR 16-SOIC In stock: Out stock

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