## ICS8431AM-21LF Details PDF





ICS8431AM-21LF

ICS8431AM-21LF
IDT (Integrated Device Technology)
IC SYNTHESIZER GP LVPECL 28-SOIC
ICS8431AM-21LF.pdf
Lead free / RoHS Compliant
Hong Kong
DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

Specifications of ICS8431AM-21LF

PART NUMBER     ICS8431AM-21LF       MANUFACTURER     IDT (Integrated Device Technology)       DESCRIPTION     IC SYNTHESIZER GP LVPECL 28-SOIC       LEAD FREE STATUS / ROHS STATUS     Lead free / ROHS Compliant       DATA SHEET     Exit Status / ROHS STATUS       VOLTAGE - SUPPLY     3.135 V ~ 3.465 V       YOUTAGE - SUPPLY     3.135 V ~ 3.465 V       TYPE     Frequency Synthesizer       SUPPLIER DEVICE PACKAGE     28-SOIC       SERIES     -       RATIO - INPUT:OUTPUT     1:1       PACKAGE / CASE     28-SOIC (0.295'', 7.50mm Width)       PLL     Yee with Bypass       OUTPUT     LVPECL       VOLTAGE - SURVIER     800-1139-S       800-1139-S     800-1139-S	
PESCRIPTIONIC SYNTHESIZER GP LVPECL 284LEAD FREE STATUS / ROHS STATUSEad free / ROHS CompliantDATA SHEETEad free / ROHS CompliantVOLTAGE - SUPPLY3.135 V - 3.465 VSUPPLIER DEVICE PACKAGE28-501CSUPPLIER DEVICE PACKAGE-STEIS-RATIO - INPUT: OUTPUT1:1PACKAGINGWID BypesPACKAGE / CASE28-501C (0.295', 7.50m Width)PILCompliantPACKAGE / CASE28-501C (0.295', 7.50m Width)PILVECLOUTPUTVECLOUTPUTVECLOUTPUT0.1139-Sp Spolini39-Sp 	ICS8431AM-21LF
LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantDATA SHEETGI CSR431AM-21LF.pdfVOLTAGE - SUPPLYS135 V - 3.465 VSTPEFrequency SynthesizerSUPPLIER DEVICE PACKAGE28-SOICSERIES-RATIO - INPUT:OUTPUT11PACKAGINGZB-SOIC (0.255', 7.50mm Width)PACKAGE / CASE28-SOIC (0.255', 7.50mm Width)PILVERCLOUTPUTVERCLOUTPUTVERCLNUMBER OF CIRCUTS0'C < 85°C	IDT (Integrated Device Technology)
DATA SHEET© ICS8413M-21LF.pdfVOLTAGE - SUPPLY3155 V - 3.465 VTYPPrequency SynthesizerSUPPLIER DEVICE PACKAGE8-SOICSREES-RATO - INPUT: OUTPUT11PACKAGINGTubePACKAGE / CASE8-SOIC (0.295°, 7.50m Width)PLSort Shata	IC SYNTHESIZER GP LVPECL 28-SOIC
VolTAGE - SUPPLYRequency SynthesizerTYPEFrequency SynthesizerSUPPLIER DEVICE PACKAGE28-SOICSRTES-RATIO - INPUT:OUTPUT11PACKAGINGTubePACKAGE / CASE8-SOIC (0.295°, 7.50mm Width)PLLVERCLOUTPUTVPECLOUTPUT0001139°, 500113°, 500113°	Lead free / RoHS Compliant
TYEFrequency SynthesizerSTPLIER DEVICE PACKAGE8450CSRTES-RATIO - INPUT: OUTPUT11PACKAGE / CASE8450C (0.25%, 7.50m Width)PACKAGE / CASEVerkut SynthesizerPACKAGE / CASEVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTPUTVerkut SynthesizerOUTRUT SUPPORTVerkut SynthesizerNUMER OF CIRCUTSIMUNTING TYPEVerkut SynthesizerINUTVerkut SynthesizerINUTSynthesizerINUTSynthesizerINUTSynthesizerINUTSynthesizerINUTER SUPPORTSynthesizerINUTER SYNTH LEVEL (MSL)SynthesizerINUTSynthesizerINUTSynthesizerINUTSynthesizerINUTSynthesizerINTER SYNTH SYNTH SYNTHSynthesizerINTER SYNTH SYNTH SYNTHSynthesizerINTER SYNTH SYNTHSynthesizerINTER SYNTH SYNTH SYNTH SYNTH SY	ICS8431AM-21LF.pdf
SUPPLIER DEVICE PACKAGE28-SOICSERIES-RATIO - INPUT:OUTPUT11PACKAGINGTolePACKAGE / CASE8-SOIC 0.295', 7.50mm Width)PLYewith BypassOUTPUTVPCLDUTPUTSolo 1.139-SDofter RNAMESSolo 1.139-SDSolo 1.130-SDSolo 1.139-SDSolo 1.130-SDSolo 1.139-SDSolo 1.130-SDSolo 1.139-SDSolo 1.130-SDSolo 1.130-SDSolo 1.130-SD<	3.135 V ~ 3.465 V
SERIES-RATIO - INPUT: OUTPUT11PACKAGINGTubePACKAGE / CASE8-SOIC (0.295°, 7.50m Width)PACKAGE / CASEVertil BypassOUTPUTVertil BypassOUTPUTVERCotreken AMES0° - 8°COUTRUT EMPERATURE0° - 8°CNUMBER OF CIRCUITS1MOUNTING TYPE0° data MountMOSTURE SENSITIVIT LEVEL (MSL)10 (Inited)INPUTCragaINPUTCaseINPUTCaseINPUTSonglandINPUT	Frequency Synthesizer
RATIO - INPUT:OUTPUT11PACKAGINGTubePACKAGE / CASESe>SOIC 0.295°, 7.50mm Width)PLSe>SOIC 0.295°, 7.50mm Width)OUTPUTVerkuoutputSe>Soic 0.295°, 7.50mm Width)outputNew SexoutputSe>Soic 0.295°, 7.50mm Width)outputSe>Soic 0.295°, 7.50mm Width)outputSe>Soic 0.295°, 7.50mm Width)outputNumbersoutputSe>Soic 0.295°, 7.50mm Width)outputSe>Soic 0.295°, 7.50mm Width)outputSe>Soic 0.295°, 7.50mm Width)outputSe>Soic 0.295°, 7.50mm Width)NUMBER OF CIRCUITSSe <soic 0.295°,="" 7.205°,="" 7.20<="" td=""><td>28-SOIC</td></soic>	28-SOIC
PACKAGINGTubePACKAGING28-50C (0.25%, 7.50m Width)PLYew With BypassOUTPUTVFCLDITPUTS0011339-50 S01130-50 S01130-50S011300-50 S01130-50 S01130-50 S01130-50S01130-50 S01130-50 S01130-50 S01130-50 S01130-50S011300-50 S011300-50 S011300-50S01130-50 S01130-50 S01130-50 S01130-50 S011300-50S011300-50 S011300-50 <b< td=""><td>-</td></b<>	-
PACKAGE / CASE28-SOIC (0.295", 7.50mm Width)PLLYes with BypassOUTPUTVVPCLOUTPUTS00-1139-5 S	1:1
PLYew By	Tube
OUTPUTIVECLorther NAMES $0^{01139}$ Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Sourd Substitue Subst	28-SOIC (0.295", 7.50mm Width)
OTHER NAMESBOD 133 So DO 133 SO	Yes with Bypass
oTHER NAMES800-1139-5 802-1139-ND Stand-2119-ND <td>LVPECL</td>	LVPECL
NUMBER OF CIRCUITS   1     NUMBER OF CIRCUITS   Suface Mount     MOUNTING TYPE   Suface Mount     MOISTURE SENSITIVITY LEVEL (MSL)   1 (Unimited)     LEAD FREE STATUS / ROHS STATUS   Cad free / RoHS Compliant     INPUT   Crystal     FREQUENCY - MAX   SioMHz     DIVIDER/MULTIPLIER   Yei/Yei     MOUNTIPLIER   No/Yei	800-1139-5 800-1139-ND 8431AM-21LF
MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantINPUTCrystalFREQUENCY - MAX350MHzDIVIDER/MULTIPLIERYes/YesDIFFERENTIAL - INPUT: OUTPUTNo/Yes	0°C ~ 85°C
NOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantINPUTCrystalFREQUENCY - MAX350MHzDIVIDER/MULTIPLIERYes/YesDIFFERENTIAL - INPUT: OUTPUTNo/Yes	1
LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantINPUTCrystalFREQUENCY - MAX350MHzDIVIDER/MULTIPLIERYes/YesDIFFERENTIAL - INPUT: OUTPUTNo/Yes	Surface Mount
INPUT   Crystal     FREQUENCY - MAX   350MHz     DIVIDER/MULTIPLIER   Yes/Yes     DIFFERENTIAL - INPUT: OUTPUT   No/Yes	1 (Unlimited)
FREQUENCY - MAX350MHzDIVIDER/MULTIPLIERYes/YesDIFFERENTIAL - INPUT:OUTPUTNo/Yes	Lead free / RoHS Compliant
DIVIDER/MULTIPLIER Yes/Yes   DIFFERENTIAL - INPUT:OUTPUT No/Yes	Crystal
DIFFERENTIAL - INPUT:OUTPUT No/Yes	350MHz
	Yes/Yes
	No/Yes
BASE PART NUMBER ICS8431-21	ICS8431-21

## **Related Tags**

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# **Related Products**



#### ICS84329BM-01LF

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER 700MHZ 28-SOIC In stock: Out stock

RFQ



#### ICS8431AM-21LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER 350MHZ 28-SOIC In stock: Out stock

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## ICS843004AGI-01

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**ICS84329BV-01LF** 

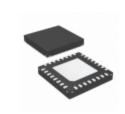
In stock: Out stock

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER LVPECL 24TSSOP In stock: Out stock

Manufacturers: IDT (Integrated Device Technology)

Description: IC SYNTHESIZER 700MHZ 28-PLCC

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## ICS8432BK-51LF

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER LVPECL 32-VFQFPN In stock: Out stock

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## ICS8430BYI-71LF

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER DUAL 32-LQFP In stock: Out stock

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#### ICS843023AGI

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK GENERATOR LVPECL 8-TSSOP



## ICS84329BV-01LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER 700MHZ 28-PLCC

In stock: Out stock

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In stock: Out stock

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## ICS843034AY-01LF

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK SYNTHESIZER LVPECL 48LQFP In stock: Out stock

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#### ICS8430BYI-71LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER DUAL 32-LQFP In stock: Out stock

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#### ICS84329BM-01LFT

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER 700MHZ 28-SOIC In stock: Out stock

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#### ICS843004AGI-01T

Manufacturers: IDT (Integrated Device Technology) Description: IC SYNTHESIZER LVPECL 24TSSOP In stock: Out stock

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