# **infinity-electronic**

ntegrated Device Technology	IDT (Integrated Device
	Technology)
Integrated Device Techn	

# **0V631S10PRFI8**

rt Number:	70V631S10PRFI8
anufacturer/Brand:	IDT (Integrated Device Technology)
oduct description	IC SRAM 4.5M PARALLEL 128TQFP
tasheets:	PDF 70V631S10PRFI8.pdf
Hs Status	Contains lead / RoHS non-compliant
ock Condition	3449 pcs stock
ip From	Hong Kong
ipment Way	DHL/Fedex/TNT/UPS/EMS

# **REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of 70V631S10PRFI8

PART NUMBER70V631510PRF8MANUFACTURERIDT (Integrated Device Technology)DESCRIPTIONIC SRAM 4.5M PARALLEL 128TQFPLEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantQUANTTY AVAILABLE3449 pcsDATA SHEETIm 70V631510PRF18.pdfWRITE CYCLE TIME - WORD, PAGE10nsVOLTAGE - SUPPLY3.15 V ~ 3.45 VSTECHNOLOGYSRAM - Dual Port, AsynchronousSUPPLIER DEVICE PACKAGE128-TQFP (14x20)PACKAGE / CASE-PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESulface MountMEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K × 18)MEMORY SIZEAshdLEAD FREE STATUS / ROHS STATUSSchallLEAD FREE STATUS / ROHS STATUSSchallead / RoHS non-compliant		
DESCRIPTION     IC SRAM 4.5M PARALLEL 128TQFP       LEAD FREE STATUS / ROHS STATUS     Contains lead / RoHS non-compliant       QUANTITY AVAILABLE     3449 pcs       DATA SHEET     Im 70V631510PRF18.pdf       VRITE CYCLE TIME - WORD, PAGE     10ns       VOLTAGE - SUPPLY     3.15 V ~ 3.45 V       TECHNOLOGY     SRAM - Dual Port, Asynchronous       SUPPLIER DEVICE PACKAGE     128-TQFP (14x20)       FREKS     -       PACKAGING     Tape & Reel (TR)       PACKAGE / CASE     128-LQFP       OPERATING TEMPERATURE     40°C ~ 85°C (TA)       MOUNTING TYPE     Suface Mount       MOISTURE SENSITIVITY LEVEL (MSL)     3 (168 Hours)       MEMORY TYPE     Volatile       MEMORY TYPE     Volatile       MEMORY INTERFACE     Parallel       MEMORY FORMAT     SRAM	PART NUMBER	70V631S10PRFI8
LEAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantQUANTITY AVAILABLE3449 pcsDATA SHEET70/631510PRF18.pdfWRITE CYCLE TIME - WORD, PAGE10nsVOLTAGE - SUPPLY3.15 V ~ 3.45 VTECHNOLOGYSRAM - Dual Port, AsynchronousSUPPLER DEVICE PACKAGE128-TQFP (14x20)SERIES-PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESufface MountMEMORY TYPEVolatileMEMORY INTERFACEParalelMEMORY FORMATSRAM	MANUFACTURER	IDT (Integrated Device Technology)
QUANTITY AVAILABLE3449 pcsDATA SHEETim 70V631510PRFI8.pdfWRITE CYCLE TIME - WORD, PAGE10nsVOLTAGE - SUPPLY3.15 V ~ 3.45 VTECHNOLOGYSRAM - Dual Port, AsynchronousSUPPLIER DEVICE PACKAGE128-TQFP (14x20)SERIES-PACKAGINGTape & Reel (TR)PACKAGE / CASE28-LQFPOPERATING TEMPERATURE40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParallelMEMORY FORMATSRAM	DESCRIPTION	IC SRAM 4.5M PARALLEL 128TQFP
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WRITE CYCLE TIME - WORD, PAGE10nsVOLTAGE - SUPPLY3.15 V ~ 3.45 VTECHNOLOGYSRAM - Dual Port, AsynchronousSUPPLIER DEVICE PACKAGE128-TQFP (14x20)SERIES-PACKAGINGTape & Reel (TR)PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY INTERFACEParallelMEMORY FORMATSRAM	QUANTITY AVAILABLE	3449 pcs
VOLTAGE - SUPPLY3.15 V ~ 3.45 VTECHNOLOGYSRAM - Dual Port, AsynchronousSUPPLIER DEVICE PACKAGE128-TQFP (14x20)SERIES-PACKAGINGTape & Rel (TR)PACKAGE / CASE128-LQFPOPERATING TEMPERATURE40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.50% (X = 18)MEMORY INTERFACEParallelMEMORY FORMATSRAM	DATA SHEET	70V631S10PRFI8.pdf
TECHNOLOGY   SRAM - Dual Port, Asynchronous     SUPPLIER DEVICE PACKAGE   18=TQFP (14x20)     SERIES   -     PACKAGING   Tape & Reel (TR)     PACKAGE / CASE   18=LQFP     OPERATING TEMPERATURE   40°C ~ 85°C (TA)     MOUNTING TYPE   Surface Mount     MOINTING TYPE   0168 Hours)     MEMORY TYPE   Volatile     MEMORY SIZE   A:50K (26K × 18)     MEMORY INTERFACE   Paralel	WRITE CYCLE TIME - WORD, PAGE	10ns
SUPPLIER DEVICE PACKAGE128-TQFP (14x20)SERIES-PACKAGINGTape & Reel (TR)PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY SIZEVoatileMEMORY INTERFACEParallelMEMORY INTERFACESraM	VOLTAGE - SUPPLY	3.15 V ~ 3.45 V
SERIES-PACKAGINGTape & Reel (TR)PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K × 18)MEMORY INTERFACEParallelMEMORY FORMATSRAM	TECHNOLOGY	SRAM - Dual Port, Asynchronous
PACKAGINGTape & Reel (TR)PACKAGE / CASE128-LQFPOPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParallelMEMORY FORMATSAM	SUPPLIER DEVICE PACKAGE	128-TQFP (14x20)
PACKAGE / CASE128-LQFOPERATING TEMPERATURE40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOUNTING TYPE3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K × 18)MEMORY INTERFACEParallelMEMORY FORMATSKAM	SERIES	-
OPERATING TEMPERATURE-40°C ~ 85°C (TA)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParalelMEMORY FORMATSRAM	PACKAGING	Tape & Reel (TR)
NOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParallelMEMORY FORMATSRAM	PACKAGE / CASE	128-LQFP
MOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MEMORY TYPEVolatileMEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParalelMEMORY FORMATSRAM	OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MEMORY TYPE   Volatile     MEMORY SIZE   4.5Mb (256K x 18)     MEMORY INTERFACE   Parallel     MEMORY FORMAT   SRAM	MOUNTING TYPE	Surface Mount
MEMORY SIZE4.5Mb (256K x 18)MEMORY INTERFACEParallelMEMORY FORMATSRAM	MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MEMORY INTERFACE Parallel   MEMORY FORMAT SRAM	MEMORY TYPE	Volatile
MEMORY FORMAT SRAM	MEMORY SIZE	4.5Mb (256K x 18)
	MEMORY INTERFACE	Parallel
LEAD FREE STATUS / ROHS STATUS Contains lead / RoHS non-compliant	MEMORY FORMAT	SRAM
	LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant

DETAILED DESCRIPTION

ACCESS TIME

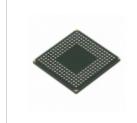
SRAM - Dual Port, Asynchronous Memory IC 4.5Mb (256K x 18) Parallel 10ns 128-TQFP (14x20)

10ns

# **Related Tags**

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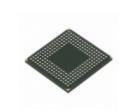
# **Related Products**



#### 70V631S10BFG8

Manufacturers: IDT (Integrated Device Technology) Description: IC SRAM 4.5M PARALLEL 208FPBGA In stock: 968 pcs

RFQ



#### 70V631S12BF8

Manufacturers: IDT (Integrated Device Technology) Description: IC SRAM 4.5M PARALLEL 208CABGA In stock: 949 pcs

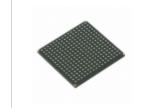
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Description: IC SRAM 4.5M PARALLEL 128TQFP

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70V631S10PRFG8

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Manufacturers: IDT (Integrated Device Technology) Description: IC SRAM 4.5M PARALLEL 256CABGA In stock: 893 pcs

Manufacturers: IDT (Integrated Device Technology)

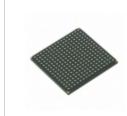
Description: IC SRAM 4.5M PARALLEL 208CABGA

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#### 70V631S10PRFG

Manufacturers: IDT (Integrated Device Technology) Description: IC SRAM 4.5M PARALLEL 128TQFP In stock: 600 pcs

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