

Image may be representation.
See specifications for product details.



MIC94083YFT-TR

Manufacturer Part Number	MIC94083YFT-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC94083YFT-TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR SWITCH P-CHAN 1:1 4TMLF
Package	4-UFDNF, 4-TMLF®
Data sheet	MIC94080-85.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC94083YFT-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC94083YFT-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC94083YFT-TR, please send us email: info@allelco.com

Specifications

MIC94083YFT-TR Tech Specifications

MIC94083YFT-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Load	1.7V ~ 5.5V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	4-TMLF® (0.85x0.85)	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	67mOhm	Features	Load Discharge, Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	4-UFDNF, 4-TMLF®	Current - Output (Max)	2A
Package	Tape & Reel (TR)	Base Product Number	MIC94083
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC94083YFT-TR

Product Attribute				
Part Number	MIC94083YFT-TR	MIC94080YFT-TR	MIC94082YFT-TR	MIC94072YC6-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	4-UFDNF, 4-TMLF®	4-UFDNF, 4-TMLF®	4-UFDNF, 4-TMLF®	6-TSSOP, SC-88, SOT-363
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Fault Protection	-	-	-	-
Interface	On/Off	On/Off	On/Off	On/Off
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Load Discharge, Slew Rate Controlled	-	Slew Rate Controlled	Slew Rate Controlled
Current - Output (Max)	2A	2A	2A	1.2A
Output Configuration	High Side	High Side	High Side	High Side
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Type	P-Channel	P-Channel	P-Channel	P-Channel
Rds On (Typ)	67mOhm	67mOhm	67mOhm	120mOhm
Series	-	-	-	-
Voltage - Load	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Supplier Device Package	4-TMLF® (0.85x0.85)	4-TMLF® (0.85x0.85)	4-TMLF® (0.85x0.85)	SC-70-6
Number of Outputs	1	1	1	1
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	MIC94083	MIC94080	MIC94082	MIC94072
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

MIC94083YFT-TR Datasheet PDF

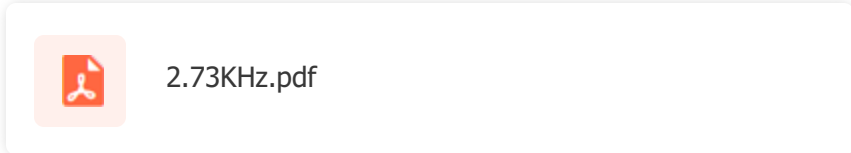
Download MIC94083YFT-TR pdf datasheets and Microchip Technology documentation for MIC94083YFT-TR - Microchip Technology.

PCN Packaging

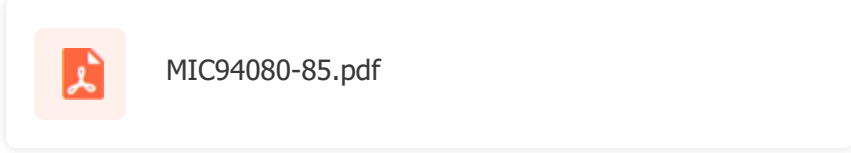
2.73KHz.pdf

PCN Part Number

2.73KHz.pdf



HTML Datasheet



Customers Also Interested in

Recommended Products

MIC94071YMT Micrel / Microchip Technology	MIC94085YFT Micrel / Microchip Technology	MIC94080YFT-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	MIC94082YFT-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	MIC94072YC6 Micrel / Microchip Technology	MIC94071YMTR Micron Technology
MIC94072YC6-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	MIC94072YMT-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	MIC94084YFT-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	MIC94072YMT Micrel Inc. HIGH SIDE POWER SWITCHES	MIC94083YFT/TR Micrel / Microchip Technology	MIC94091YC6-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6
MIC94085YFT/TR Micrel / Microchip Technology	MIC94090YMT Micrel / Microchip Technology	MIC94085YFT-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	MIC94083YFT Micrel / Microchip Technology	MIC94092YC6-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	MIC94090YC6-TR Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
-----------------------------	-------------------------	--------------------------

Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
---------------------------	---------------------------

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com

