

Image may be representation.
See specifications for product details.



MIC94082YFT-TR

Manufacturer Part Number	MIC94082YFT-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC94082YFT-TR
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH P-CHAN 1:1 4TMLF
Package	4-UFDNF, 4-TMLF®
Data sheet	MIC94080-85.pdf
RoHs Status	ROHS3 Compliant

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MIC94082YFT-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC94082YFT-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC94082YFT-TR, please send us email: info@allelco.com

Specifications

MIC94082YFT-TR Tech Specifications
MIC94082YFT-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	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	MIC94082
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC94082YFT-TR

Product Attribute				
Part Number	MIC94082YFT-TR	MIC94072YMT-TR	MIC94085YFT-TR	MIC94080YFT-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	High Side	High Side	High Side	High Side
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Rds On (Typ)	67mOhm	100mOhm	67mOhm	67mOhm
Fault Protection	-	-	-	-
Ratio - Input:Output	1:1	1:1	1:1	1:1
Base Product Number	MIC94082	MIC94072	MIC94085	MIC94080
Interface	On/Off	On/Off	On/Off	On/Off
Features	Slew Rate Controlled	Slew Rate Controlled	Load Discharge, Slew Rate Controlled	-
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Series	-	-	-	-
Output Type	P-Channel	P-Channel	P-Channel	P-Channel
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® (1.2x1.6)	4-TMLF® (0.85x0.85)	4-TMLF® (0.85x0.85)
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Current - Output (Max)	2A	1.2A	2A	2A
Package / Case	4-UFDNF, 4-TMLF®	4-UFDNF Exposed Pad, 4-TMLF®	4-UFDNF, 4-TMLF®	4-UFDNF, 4-TMLF®
Number of Outputs	1	1	1	1

MIC94082YFT-TR Datasheet PDF

Download MIC94082YFT-TR pdf datasheets and Microchip Technology documentation for MIC94082YFT-TR - Microchip Technology.

PCN Packaging

2.73KHz.pdf

PCN Part Number

2.73KHz.pdf



















 MIC94080-85.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
MIC94072YC6	MIC94071YMT	MIC94072YMT-TR	MIC94085YFT-TR	MIC94083YFT/TR	MIC94080YFT-TR
Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF
					
MIC94070YMT/TR	MIC94072YMT	MIC94072YC6-TR	MIC94071YMTTR	MIC94084YFT-TR	MIC94085YFT/TR
Micrel / Microchip Technology	Micrel Inc. HIGH SIDE POWER SWITCHES	Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	Micron Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Micrel / Microchip Technology
					
MIC94083YFT	MIC94083YFT-TR	MIC94070YC6TR	MIC94090YC6-TR	MIC94085YFT	MIC94091YC6-TR
Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	Micrel / Microchip Technology	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.

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Certifications & Memberships



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