



Image may be representation.
See specifications for product details.



MIC94094YC6-TR

Manufacturer Part Number	MIC94094YC6-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC94094YC6-TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR SWITCH P-CHAN 1:1 SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	MIC94090-95.pdf
RoHs Status	ROHS3 Compliant

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MIC94094YC6-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC94094YC6-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC94094YC6-TR, please send us email: info@allelco.com

Specifications

MIC94094YC6-TR Tech Specifications
MIC94094YC6-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	SC-70-6	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	130mOhm	Features	Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	6-TSSOP, SC-88, SOT-363	Current - Output (Max)	1.2A
Package	Tape & Reel (TR)	Base Product Number	MIC94094
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC94094YC6-TR

Product Attribute				
Part Number	MIC94094YC6-TR	MIC94164YCS-TR	MIC94163YCS-TR	MIC94300YMT-T5
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Fault Protection	-	Reverse Current	Reverse Current	Current Limiting (Fixed), Over Temperature
Interface	On/Off	On/Off	On/Off	On/Off
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SC-70-6	6-WLCSP (1x1.5)	6-WLCSP (1x1.5)	4-TMLF® (1.2x1.6)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Series	-	-	-	Ripple Blocker™
Number of Outputs	1	1	1	1
Voltage - Supply (Vcc/Vdd)	Not Required	-	-	Not Required
Output Configuration	High Side	High Side	High Side	High Side
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Ratio - Input:Output	1:1	1:1	1:1	1:1
Current - Output (Max)	1.2A	3A	3A	200mA
Voltage - Load	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 3.6V
Output Type	P-Channel	P-Channel	P-Channel	N-Channel
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	MIC94094	MIC94164	MIC94163	MIC94300
Rds On (Typ)	130mOhm	14.5mOhm	14.5mOhm	-
Package / Case	6-TSSOP, SC-88, SOT-363	6-WFBGA, WLCSP	6-WFBGA, WLCSP	4-UFDN Exposed Pad, 4-TMLF®
Features	Slew Rate Controlled	Load Discharge, Slew Rate Controlled	-	-

MIC94094YC6-TR Datasheet PDF

Download MIC94094YC6-TR pdf datasheets and Microchip Technology documentation for MIC94094YC6-TR - Microchip Technology.

Datasheets

[MIC94090-95.pdf](#)

PCN Packaging

[Packing Changes 10/Oct/2016.pdf](#)

PCN Part Number



Micrel to Microchip PN Changes 7/Oct/2015.pdf

PCN Assembly/Origin



Wafer Size Update 02/Sep/2015.pdf

Customers Also Interested in

Recommended Products

MIC94095YC6	MIC94164YCS-TR	MIC94162YCS	MIC94163YCS-TR	MIC94300YMT-T5	MIC94093YC6TR
Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 6WLCSP	Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 6WLCSP	Microchip Technology IC PWR SWITCH N-CHAN 1:1 4TMLF	Micrel / Microchip Technology
MIC94095YMTTR	MIC94090YC6-TR	MIC94093YMT-TR	MIC94162YCS-TR	MIC94092YC6-TR	MIC94092YC6
Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Microchip Technology IC PWR SWITCH P-CHAN 1:1 6WLCSP	Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	Micrel / Microchip Technology
MIC94085YFT/TR	MIC94085YFT-TR	MIC94091YC6-TR	MIC94093YC6	MIC94095YC6TR	MIC94090YMT
Micrel / Microchip Technology	Microchip Technology IC PWR SWITCH P-CHAN 1:1 4TMLF	Microchip Technology IC PWR SWITCH P-CHAN 1:1 SC70-6	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology

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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