



Image may be representation.  
See specifications for product details.



## MIC5841YV

Manufacturer Part Number	<b>MIC5841YV</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC5841YV
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRVR BIPOLAR 1:8 20PLCC
Package	20-LCC (J-Lead)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MIC5841YV - Microchip Technology. New Original in Stock. Download Linear Technology MIC5841YV datasheet/specifications on AllelcoElec.com.  
Request a quote for MIC5841YV, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MIC5841YV Tech Specifications

MIC5841YV - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	-	Operating Temperature	-55°C ~ 85°C (TA)
Voltage - Load	15V (Max)	Number of Outputs	8
Switch Type	Latched Driver	Mounting Type	Surface Mount
Supplier Device Package	20-PLCC (9x9)	Interface	Strobe, Serial
Series	-	Input Type	Non-Inverting
Rds On (Typ)	-	Features	-
Ratio - Input:Output	1:8	Fault Protection	-
Package / Case	20-LCC (J-Lead)	Current - Output (Max)	500mA
Package	Tube	Base Product Number	MIC5841
Output Type	Bipolar		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5841YV

Product Attribute				
Part Number	MIC5841YV	MIC5891BWM	MIC5842YWM	MIC5842BWM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Bipolar	Bipolar	Bipolar	Bipolar
Package	Tube	Tube	Tube	Bulk
Output Configuration	Low Side	High Side	Low Side	Low Side
Voltage - Supply (Vcc/Vdd)	-	4.5V ~ 15V	-	-
Ratio - Input:Output	1:8	1:8	1:8	1:8
Package / Case	20-LCC (J-Lead)	16-SOIC (0.295', 7.50mm Width)	18-SOIC (0.295', 7.50mm Width)	18-SOIC (0.295', 7.50mm Width)
Features	-	-	-	-
Operating Temperature	-55°C ~ 85°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 85°C (TA)	-55°C ~ 85°C (TA)
Series	-	-	-	-
Switch Type	Latched Driver	Latched Driver	Latched Driver	Latched Driver
Number of Outputs	8	8	8	8
Rds On (Typ)	-	-	-	-
Voltage - Load	15V (Max)	5V ~ 50V	15V (Max)	15V (Max)
Current - Output (Max)	500mA	500mA	500mA	500mA
Base Product Number	MIC5841	MIC5891	MIC5842	MIC5842
Fault Protection	-	-	-	-
Supplier Device Package	20-PLCC (9x9)	16-SOIC	18-SOP (Wide)	18-SOP (Wide)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Interface	Strobe, Serial	Strobe, Serial	Strobe, Serial	Strobe, Serial

### MIC5841YV Datasheet PDF

Download MIC5841YV pdf datasheets and Microchip Technology documentation for MIC5841YV - Microchip Technology.

#### Datasheets



















Cylindrical Battery Holders.pdf

#### PCN Packaging

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MIC5891BWM</b>	<b>MIC5842YWM</b>	<b>MIC5842BWM</b>	<b>MIC5842BN</b>	<b>MIC5841BN UCN5841A</b>	<b>MIC5841YWM</b>
Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16SOIC	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18DIP	Micrel / Microchip Technology	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP
					
<b>MIC5891BN</b>	<b>MIC5818BV</b>	<b>MIC5841YWM-TR</b>	<b>MIC5842YN</b>	<b>MIC5821YN</b>	<b>MIC5821BN UCN5821A</b>
Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16DIP	Micrel / Microchip Technology	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18DIP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16DIP	MIC
					
<b>MIC5821BN</b>	<b>MIC5822BN</b>	<b>MIC5841YN</b>	<b>MIC5841BN</b>	<b>MIC5841BWM</b>	<b>MIC5842YV</b>
Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16DIP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16DIP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18DIP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18DIP	Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOIC	Microchip Technology IC PWR DRVR BIPOLAR 1:8 20PLCC

## 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 -



Contact us if you have any questions.



### Certifications & Memberships



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