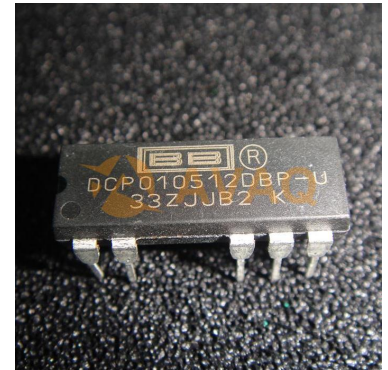



**Module DC-DC 5VIN 2-OUT 12V/-12V 0.041A/0.04A 1W 7-Pin  
SOP Tube**



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="https://www.ti.com">Texas Instruments, Inc</a>
<b>Package/Case:</b>	SOP
<b>Product Type:</b>	Power Management ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

## General Description

The DCP01B series is a family of 1-W, isolated, unregulated DC/DC converter modules. Requiring a minimum of external components and including on-chip device protection, the DCP01B series of devices provide extra features such as output disable and synchronization of switching frequencies.

This combination of features and small size makes the DCP01B series of devices suitable for a wide range of applications, and is an easy-to-use solution in applications requiring signal path isolation.

**WARNING:** This product has operational isolation and is intended for signal isolation only. It should not be used as a part of a safety isolation circuit requiring reinforced isolation. See definitions in the Feature Description section.

## Key Features

1-kV Isolation (operational): 1-second test

Continuous voltage applied across isolation barrier: 60 VDC / 42.5 VAC

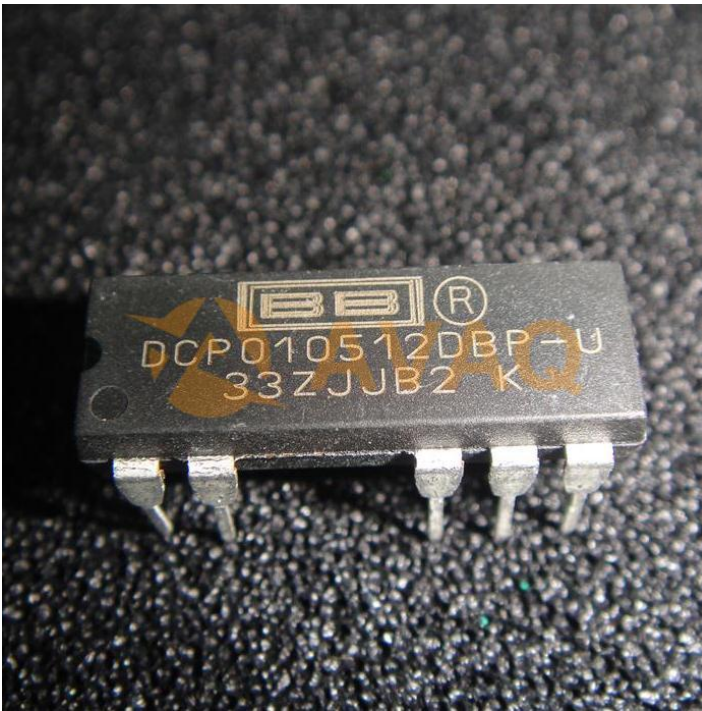
Device-to-device synchronization

EN55022 Class B EMC performance

UL1950 Recognized Component

7-Pin PDIP and 7-pin SOP packages

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## Recommended For You

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### **DCP020515DU**

Texas Instruments, Inc

SOP12

### **DCP010505DBP**

Texas Instruments, Inc

DIP7

### **DCP012415DBP**

Texas Instruments, Inc

DIP7

### **DCP010512BP-U**

Texas Instruments, Inc

DIP

### **DCP022415DU**

Texas Instruments, Inc

SOP-12

### **DCV010505P-U**

Texas Instruments, Inc

SOP-7

### **DCP012405BP-U**

Texas Instruments, Inc

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### **DCP012415DBP-U**

Texas Instruments, Inc

SOP-7

### **DCP020515DU/1K**

Texas Instruments, Inc

SOP12

### **PTH05060WAH**

Texas Instruments, Inc

DIP

### **PTH04070WAD**

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### **PTH04070WAH**

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### **PTH03000WAH**

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### **PTH08T260WAD**

Texas Instruments, Inc

ECL10

### **TPS82740BSIPT**

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USIP-9