

# VB525SP Datasheet



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DiGi Electronics Part Number	VB525SP-DG
Manufacturer	<a href="#">STMicroelectronics</a>
Manufacturer Product Number	VB525SP
Description	IC PWR DRVR BIPOLAR 1:1 PWR5010
Detailed Description	Power Switch/Driver 1:1 Bipolar 9A 10-PowerSO

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## Purchase and inquiry

Manufacturer Product Number:

VB525SP

Series:

VIPOWER™

Switch Type:

General Purpose

Ratio - Input:Output:

1:1

Output Type:

Bipolar

Voltage - Load:

4.5V ~ 5.5V

Current - Output (Max):

9A

Input Type:

Non-Inverting

Fault Protection:

Current Limiting (Fixed), Over Temperature

Mounting Type:

Surface Mount

Package / Case:

PowerSO-10 Exposed Bottom Pad

Manufacturer:

STMicroelectronics

Product Status:

Obsolete

Number of Outputs:

1

Output Configuration:

Low Side

Interface:

On/Off

Voltage - Supply (Vcc/Vdd):

-

Rds On (Typ):

-

Features:

Status Flag

Operating Temperature:

-40°C ~ 150°C (TJ)

Supplier Device Package:

10-PowerSO

Base Product Number:

VB525

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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