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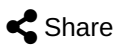
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Vishay Semiconductors VTS40100CT-E3/45

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## VTS40100CT-E3/45



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**Mouser #:**

625-VTS40100CT-E3

**Mfr. #:**

VTS40100CT-E3/45

**Mfr.:**

Vishay Semiconductors

**Customer #:**

Customer #

**Description:**

Schottky Diodes & Rectifiers RECOMMENDED ALT V40100C-E3

**Lifecycle:**



Obsolete

**ECAD Model:**

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**Availability****Stock:**

Not Available

**Similar Product****Mfr.:**

Vishay General Semiconductor


**Mfr. #:**

V40100C-E3/4W

**Description:**

Schottky Diodes &amp; Rectifiers 40 Amp 100 Volt Dual TrenchMOS

[Compare With Current Part](#)**Specifications**

Product Attribute	Attribute Value
<b>Manufacturer:</b>	Vishay
<b>Product Category:</b>	Schottky Diodes & Rectifiers
<b>RoHS:</b>	 Details
<b>Product:</b>	Schottky Rectifiers
<b>Mounting Style:</b>	Through Hole
<b>Package / Case:</b>	TO-220-3
<b>Configuration:</b>	Dual Anode Common Cathode
<b>Technology:</b>	Si

If - Forward Current:	40 A (2 x 20 A)
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Vrrm - Repetitive Reverse Voltage:	100 V
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Vf - Forward Voltage:	730 mV
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Ifsm - Forward Surge Current:	250 A
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Ir - Reverse Current:	1 mA
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Minimum Operating Temperature:	- 40 C
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Maximum Operating Temperature:	+ 150 C
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Packaging:	Tube
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Brand:	Vishay Semiconductors
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Height:	8.89 mm
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Length:	10.54 mm
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Product Type:	Schottky Diodes & Rectifiers
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Factory Pack Quantity:	50
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Subcategory:	Diodes & Rectifiers
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Width:	4.7 mm
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Unit Weight:	0.065257 oz
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## Product Comments



## SCHOTTKY RECTIFIERS

625-V30100S-E3	625-VF20100SG-E3
625-V40100G-E3	625-VF30100S-E3
625-V60100C-E3	625-VF30100SG-E3
625-V60120C-E3	625-VF40100C-E3
625-VF20100S-E3	625-VTS40100CT-E3

Each of the above Schottky Rectifiers have been discontinued by Vishay General Semiconductor and once stock has been depleted, they will no longer be available.

These devices were produced with a soldering process. Vishay is recommending that the customer use the parts that are produced in a wire bond process instead. A list of those replacements is as follows:

Original Part	Replacement Part
625-V30100S-E3	625-V30100S-E3/4W
625-V40100G-E3	625-V40100G-E3/4W
625-V60100C-E3	625-V60100C-E3/4W
625-V60120C-E3	625-V60120C-E3/4W
625-VF20100S-E3	625-VF20100S-E3/4W
625-VF20100SG-E3	625-VF20100SG-E3/4W
625-VF30100S-E3	625-VF30100S-E3/4W
625-VF30100SG-E3	625-VF30100SG-E3/4W
625-VF40100C-E3	625-VF40100C-E3/4W
625-VTS40100CT-E3	625-V40100C-E3

The customer should review the specifications of both parts before using the replacement in an existing design.

5-0109-21

## Environmental Documents



## Product Compliance



Popular Searches:

40 A 200 V Schottky Diodes & Rectifiers , Schottky Diodes 20 V Schottky Diodes & Rectifiers , SOT-143-4 Schottky Diodes & Rectifiers , 2 A 60 V Schottky Diodes & Rectifiers , 1 A SMD/SMT 30 V Schottky Diodes & Rectifiers , 600 V Schottky Diodes & Rectifiers

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