

**BYV42E-200,127**



**Part Number:** [BYV42E-200,127](#)  
**Manufacturer:** [WeEn Semiconductors Co., Ltd](#)  
**Description:** DIODE ARRAY GP 200V 30A TO220AB  
**Data sheet:** [PDF BYV42E\(B\) Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">BYV42E-200,127</a>
<b>Manufacturer</b>	<a href="#">WeEn Semiconductors Co., Ltd</a>
<b>Description</b>	DIODE ARRAY GP 200V 30A TO220AB
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	93899 pcs
<b>Product Photo</b>	<a href="#">BYV42E-200,127-001.jpg</a> , <a href="#">BYV42E-200,127-002.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Forward (Vf) (Max) @ If</b>	1.2V @ 30A
<b>Voltage - DC Reverse (Vr) (Max)</b>	200V
<b>Supplier Device Package</b>	TO-220AB
<b>Speed</b>	Fast Recovery = 200mA (Io)
<b>Series</b>	-
<b>Reverse Recovery Time (trr)</b>	28ns
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-220-3
<b>Other Names</b>	1740-1175 568-3439-5 568-3439-5-ND 934013490127 BYV42E-200
<b>Operating Temperature - Junction</b>	150°C (Max)
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Diode Type</b>	Standard
<b>Diode Configuration</b>	1 Pair Common Cathode
<b>Detailed Description</b>	Diode Array 1 Pair Common Cathode Standard 200V 30A Through Hole TO-220-3
<b>Current - Reverse Leakage @ Vr</b>	100µA @ 200V
<b>Current - Average Rectified (Io) (per Diode)</b>	30A
<b>Base Part Number</b>	BYV42-200

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**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">BYV42G-200,127</a> <b>Description:</b> DIODE ARRAY GP 200V 30A I2PAK	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 77480	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV38-TAP</a> <b>Description:</b> DIODE AVALANCHE 1KV 2A SOD57	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 339907	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV415J-600PQ</a> <b>Description:</b> BYV415J-600PQ TO3PF STANDARD M	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 99845	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV52-200</a> <b>Description:</b> DIODE ARRAY GP 200V 30A SOT93	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 10524	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV430J-600PQ</a> <b>Description:</b> DIODE ARRAY GP 600V 30A TO3P	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 64390	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV42EB-200,118</a> <b>Description:</b> DIODE ARRAY GP 200V 30A D2PAK	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 93365	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV541V-200</a> <b>Description:</b> DIODE MODULE 200V 50A ISOTOP	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 6833	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV430K-300PQ</a> <b>Description:</b> DIODE ARRAY GP 300V 30A TO3P	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 69323	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV40E-150,115</a> <b>Description:</b> DIODE ARRAY GP 150V 1.5A SC73	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 212131	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV40W-600PQ</a> <b>Description:</b> BYV40W-600PQ/TO247/STANDARD MARK	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 78697	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV42E-150,127</a> <b>Description:</b> DIODE ARRAY GP 150V 30A TO220AB	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 89922	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV54V-200</a> <b>Description:</b> DIODE MODULE 200V 50A ISOTOP	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 5296	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV410-600,127</a> <b>Description:</b> DIODE ARRAY GP 600V 20A TO220AB	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 76991	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV430W-300PQ</a> <b>Description:</b> DIODE ARRAY GP 300V 30A TO247-3	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 82041	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV44-500,127</a> <b>Description:</b> DIODE ARRAY GP 500V 30A TO220AB	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 68049	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV52PI-200RG</a> <b>Description:</b> DIODE ARRAY GP 200V 30A 3TOPI	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 23450	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV415K-600PQ</a> <b>Description:</b> DIODE GEN PURP 600V 15A TO3P	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 67778	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV38-TR</a> <b>Description:</b> DIODE AVALANCHE 1KV 2A SOD57	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 228168	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV415W-600PQ</a> <b>Description:</b> DIODE GEN PURP 600V 15A TO247	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 101112	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BYV410X-600,127</a> <b>Description:</b> DIODE ARRAY UF 600V 10A TO220-3	<b>Manufacturers:</b> <a href="#">WeEn Semiconductors Co., Ltd</a> <b>In Stock:</b> 89289	<a href="#">RFQ</a>

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