

Part # / Keyword

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**Mouser Part #:** 621-DMG6602SVT-7  
**Manufacturer Part #:** DMG6602SVT-7  
**Manufacturer:** [Diodes Incorporated](#)  
**Description:** MOSFET MOSFET BVDSS: 25V-30 5V-30V,TSOT23,3K  
[Page 705](#), Mouser Online Catalog  
[Page 705](#), PDF Catalog Page  
[Data Sheet](#)

Images are for reference only  
See Product Specifications

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**Specifications**

**Documents (3)**

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<b>Manufacturer:</b>	Diodes Incorporated	<input checked="" type="checkbox"/>
<b>Product Category:</b>	MOSFET	<input checked="" type="checkbox"/>
<b>RoHS:</b>	<a href="#">Details</a>	
<b>Id - Continuous Drain Current:</b>	3.4 A, 2.8 A	<input type="checkbox"/>
<b>Vds - Drain-Source Breakdown Voltage:</b>	30 V, 30 V	<input type="checkbox"/>
<b>Rds On - Drain-Source Resistance:</b>	100 mOhms, 140 mOhms	<input type="checkbox"/>
<b>Transistor Polarity:</b>	N-Channel, P-Channel	<input type="checkbox"/>
<b>Vgs - Gate-Source Breakdown Voltage:</b>	20 V	<input type="checkbox"/>
<b>Qg - Gate Charge:</b>	9 nC	<input type="checkbox"/>
<b>Maximum Operating Temperature:</b>	+ 150 C	<input type="checkbox"/>
<b>Pd - Power Dissipation:</b>	840 mW	<input type="checkbox"/>
<b>Mounting Style:</b>	SMD/SMT	<input type="checkbox"/>
<b>Package / Case:</b>	TSOT-23-6	<input type="checkbox"/>
<b>Packaging:</b>	Reel	<input type="checkbox"/>
<b>Brand:</b>	Diodes Incorporated	
<b>Channel Mode:</b>	Enhancement	
<b>Configuration:</b>	Dual	
<b>Fall Time:</b>	3 ns	
<b>Forward Transconductance - Min:</b>	4 S	
<b>Minimum Operating Temperature:</b>	- 55 C	
<b>Rise Time:</b>	5 ns	
<b>Series:</b>	<a href="#">DMG6602</a>	
<b>Typical Turn-Off Delay Time:</b>	13 ns	

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**Factory Lead-Time:** 5 Weeks

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	<a href="#">5015</a>	Circuit Board Hardware - PCB	102,886	<a href="#">QuickView</a>
	<a href="#">TL072CPWR</a>	Operational Amplifiers - Op Amps	7,115	<a href="#">QuickView</a>
	<a href="#">CD40106BPWR</a>	Inverters	15,176	<a href="#">QuickView</a>
	<a href="#">LNJ247W82RA</a>	Standard LEDs - SMD	22,292	<a href="#">QuickView</a>
	<a href="#">LNJ947W8CRA</a>	Standard LEDs - SMD	15,603	<a href="#">QuickView</a>
	<a href="#">CRCW06030000Z0EA</a>	Thick Film Resistors - SMD	745,340	<a href="#">QuickView</a>
	<a href="#">CRCW0603100KFKEA</a>	Thick Film Resistors - SMD	582,961	<a href="#">QuickView</a>

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