

### **SB160 Information**



For Reference Only

Part Number SB160

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 60V 1A DO204AL

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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### **SB160 Specifications**

Manufacturer Part NumberSB 160ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsBodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 60VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-60°C ~ 125°CReport errors?	S2100 Specifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-204AL, DO-41, Axial  Series  - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 60V  Current - Average Rectified (Io) 1A  Voltage - Forward (Vf) (Max) @ If 700mV @ 1A  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500µA @ 60V  Capacitance @ Vr, F 110pF @ 4V, 1MHz  Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial  Supplier Device Package DO-41 Operating Temperature - Junction  Discrete Semiconductor Products  Diodes - Rectifiers - Single DO-204AL, DO-41, Axial  Do-41 -60°C ~ 125°C	Manufacturer Part Number	SB160
Diodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 60VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-60°C ~ 125°C	Manufacturer	Fairchild/ON Semiconductor
Package DO-204AL, DO-41, Axial  Series - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 60V  Current - Average Rectified (Io) 1A  Voltage - Forward (Vf) (Max) @ If 700mV @ 1A  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500µA @ 60V  Capacitance @ Vr, F 110pF @ 4V, 1MHz  Mounting Type Through Hole  Package / Case DO-204AL, DO-41, Axial  Supplier Device Package DO-41  Operating Temperature - Junction -60°C ~ 125°C	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 60VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-60°C ~ 125°C		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  1A  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery = < 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  -  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  110pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  60V  1A  700mV @ 1A  Fast Recovery = < 500ns, > 200mA (Io)  -  10D  10D  10D  10D  10D  10D  10D	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  700mV @ 1A  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  110pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  1A  1A  1A  1A  10  1A  10  10  10  10	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  110pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  DO-41  Operating Temperature - Junction  700mV @ 1A  100  -60°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	60V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 60VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-60°C ~ 125°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500 $\mu$ A @ 60V   Capacitance @ Vr, F	Voltage - Forward (Vf) (Max) @ If	700mV @ 1A
Current - Reverse Leakage @ Vr500μA @ 60VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-60°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
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Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -60°C ~ 125°C	Current - Reverse Leakage @ Vr	500μA @ 60V
Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -60°C ~ 125°C	Capacitance @ Vr, F	110pF @ 4V, 1MHz
Supplier Device Package DO-41 Operating Temperature - Junction $-60^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Mounting Type	Through Hole
Operating Temperature - Junction -60°C ~ 125°C	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	DO-41
Report errors?	Operating Temperature - Junction	-60°C ~ 125°C
		Report errors?

### **SB160 Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **SB160 Payment Methods**





















## **SB160 Shipping Methods**













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