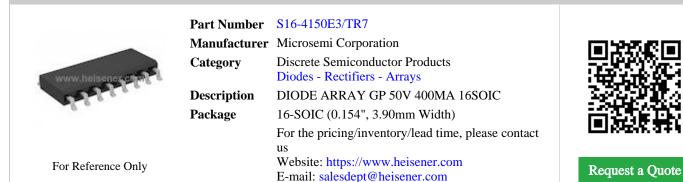


# S16-4150E3/TR7

## S16-4150E3/TR7 Information



## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## S16-4150E3/TR7 Specifications

Manufacturer Microsemi Corporation   Category Discrete Semiconductor Products   Diodes - Rectifiers - Arrays Diodes - Rectifiers - Arrays   Package 16-SOIC (0.154", 3.90mm Width)   Series -   Diode Configuration 8 Independent   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 50V   Current - Average Rectified (Io) (per Diode) 400mA (DC)   Voltage - Forward (Vf) (Max) @ If IV @ 200mA   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 4ns   Current - Reverse Leakage @ Vr I00nA @ 50V   Operating Temperature - Junction -55°C ~ 150°C   Mounting Type Surface Mount   Package / Case 16-SOIC (0.154", 3.90mm Width)		
CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - ArraysPackage16-SOIC (0.154", 3.90mm Width)Series-Diode Configuration8 IndependentDiode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io) (per Diode)400mA (DC)Voltage - Forward (Vf) (Max) @ If1V @ 200mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer Part Number	S16-4150E3/TR7
Diodes - Rectifiers - ArraysPackage16-SOIC (0.154", 3.90mm Width)Series-Diode Configuration8 IndependentDiode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io) (per Diode)400mA (DC)Voltage - Forward (Vf) (Max) @ If1V @ 200mASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	Microsemi Corporation
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Series-Diode Configuration8 IndependentDiode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io) (per Diode)400mA (DC)Voltage - Forward (Vf) (Max) @ If1V @ 200mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC		Diodes - Rectifiers - Arrays
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Voltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io) (per Diode)400mA (DC)Voltage - Forward (Vf) (Max) @ If1V @ 200mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Diode Configuration	8 Independent
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Voltage - Forward (Vf) (Max) @ IfIV @ 200mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - DC Reverse (Vr) (Max)	50V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Average Rectified (Io) (per Diode)	400mA (DC)
Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Forward (Vf) (Max) @ If	1V @ 200mA
Current - Reverse Leakage @ Vr100nA @ 50VOperating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-55°C ~ 150°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Reverse Recovery Time (trr)	4ns
Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Reverse Leakage @ Vr	100nA @ 50V
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Operating Temperature - Junction	-55°C ~ 150°C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

### S16-4150E3/TR7 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.

### S16-4150E3/TR7 Payment Methods



## S16-4150E3/TR7 Shipping Methods



If you have any question about S16-4150E3/TR7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com