

QST7TR

QST7TR Information



Part Number	QST7TR	
Manufacturer	Rohm Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS PNP 30V 1.5A TSMT6	
Package	SOT-23-6 Thin, TSOT-23-6	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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QST7TR Specifications

Manufacturer Part NumberQST7TRManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageSOT-23-6 Thin, TSOT-23-6Series-Transistor TypePNPCurrent - Collector (Ic) (Max)JOVVoltage - Collector Emitter Breakdown (Max)30VVoce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageSOT-23-6 Thin, TSOT-23-6Series-Transistor TypePNPCurrent - Collector (Lc) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVcc Saturation (Max) @ Ib, Ic30NCurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200mWPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Manufacturer Part Number	QST7TR
Transistors - Bipolar (BJT) - SinglePackageSOT-23-6 Thin, TSOT-23-6Series-Transistor TypePNPCurrent - Collector (Ic) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Manufacturer	Rohm Semiconductor
PackageSOT-23-6 Thin, TSOT-23-6Series-Transistor TypePNPCurrent - Collector (Ic) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Category	Discrete Semiconductor Products
Series-Transistor TypePNPCurrent - Collector (Ic) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVcc Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Package	SOT-23-6 Thin, TSOT-23-6
Current - Collector (Ic) (Max)1.5AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Series	-
Voltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWPower - Max280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Transistor Type	PNP
Vce Saturation (Max) @ Ib, Ic370mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Current - Collector (Ic) (Max)	1.5A
Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Voltage - Collector Emitter Breakdown (Max)	30V
DC Current Gain (hFE) (Min) @ Ic, Vce270 @ 100mA, 2VPower - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Vce Saturation (Max) @ Ib, Ic	370mV @ 50mA, 1A
Power - Max500mWFrequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Current - Collector Cutoff (Max)	100nA (ICBO)
Frequency - Transition280MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	DC Current Gain (hFE) (Min) @ Ic, Vce	270 @ 100mA, 2V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Power - Max	500mW
Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Frequency - Transition	280MHz
Package / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSMT6 (SC-95)	Operating Temperature	150°C (TJ)
Supplier Device Package TSMT6 (SC-95)	Mounting Type	Surface Mount
	Package / Case	SOT-23-6 Thin, TSOT-23-6
Report errors?	Supplier Device Package	TSMT6 (SC-95)
		Report errors?

QST7TR 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



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