

2SD2118TLR

2SD2118TLR Information



Part Number	2SD2118TLR	
Manufacturer	Rohm Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 20V 5A SOT-428	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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2SD2118TLR Specifications

Manufacturer Part Number2SD2118TLRManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SingleTransistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)SAVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, Ic110 @ 100mA, 4ACurrent - Collector Cutoff (Max)S00nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	2SD2118TLR
Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer	Rohm Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Series	-
Voltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Transistor Type	NPN
Vce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Current - Collector (Ic) (Max)	5A
Current - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Voltage - Collector Emitter Breakdown (Max)	20V
DC Current Gain (hFE) (Min) @ Ic, Vce180 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Vce Saturation (Max) @ Ib, Ic	1V @ 100mA, 4A
Power - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Current - Collector Cutoff (Max)	500nA (ICBO)
Frequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	DC Current Gain (hFE) (Min) @ Ic, Vce	180 @ 500mA, 2V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Power - Max	10W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Frequency - Transition	150MHz
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	150°C (TJ)
	Mounting Type	Surface Mount
Supplier Device Package CPT3	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	CPT3
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2SD2118TLR 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.

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Service Guarantees

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

2SD2118TLR Payment Methods





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