

# **2SD2118TLQ**

# **2SD2118TLQ Information**



Part Number	2SD2118TLQ	
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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### 2SD2118TLQ Specifications

Manufacturer Part NumberSD2118TLQManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)SAVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)S00nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, VceI20 @ 500mA, 2VPower - MaxI0WFrequency - TransitionI50°C (TJ)Mounting TypeSurface MountPackage / CaseCPT3Supplier Device PackageCPT3		
CategoryDiscrete Semiconductor ProductsTransistors - 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, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Manufacturer Part Number	2SD2118TLQ
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, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Manufacturer	Rohm Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150° C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3		Transistors - Bipolar (BJT) - Single
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, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	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, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Series	-
Voltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Transistor Type	NPN
Vce Saturation (Max) @ Ib, Ic IV @ 100mA, 4A   Current - Collector Cutoff (Max) 500nA (ICBO)   DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 500mA, 2V   Power - Max 10W   Frequency - Transition 10W   Operating Temperature 150°C (TJ)   Mounting Type Surface Mount   Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63   Supplier Device Package CPT3	Current - Collector (Ic) (Max)	5A
Current - Collector Cutoff (Max)500nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Voltage - Collector Emitter Breakdown (Max)	20V
DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max10WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	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-63Supplier Device PackageCPT3	Current - Collector Cutoff (Max)	500nA (ICBO)
Frequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	DC Current Gain (hFE) (Min) @ Ic, Vce	120 @ 500mA, 2V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Power - Max	10W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Frequency - Transition	150MHz
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageCPT3	Operating Temperature	150°C (TJ)
Supplier Device Package CPT3	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report error	Supplier Device Package	CPT3
Report choir		Report errors?

#### **2SD2118TLQ 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.

#### 2SD2118TLQ Payment Methods



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