



### TEA1751T/N1,518

Part Number: **TEA1751T/N1,518**  
 Product Description: IC CTRLR GREENCHIP SMPS 16-SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [TEA1751T/N1,518.pdf](#)

Manufacturer/Brand: NXP Semiconductors / Freescale  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	TEA1751T/N1,518	<b>Manufacturer</b>	NXP Semiconductors / Freescale
<b>Description</b>	IC CTRLR GREENCHIP SMPS 16-SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">TEA1751T/N1,518.pdf</a>		
<b>Voltage - Supply (Vcc/Vdd)</b>	15 V ~ 38 V	<b>Voltage - Start Up</b>	22V
<b>Voltage - Breakdown</b>	650V	<b>Topology</b>	Flyback
<b>Supplier Device Package</b>	16-SO	<b>Series</b>	GreenChip™ III
<b>Power (Watts)</b>	250W	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	16-SOIC (0.154", 3.90mm Width)	<b>Output Isolation</b>	Isolated
<b>Other Names</b>	568-4926-2 935286283518 TEA1751T/N1,518-ND	<b>Operating Temperature</b>	-40°C ~ 150°C (TJ)
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Internal Switch(s)</b>	No
<b>Frequency - Switching</b>	100kHz ~ 150kHz	<b>Fault Protection</b>	Current Limiting, Open Loop, Over Power, Over Temperature, Over Voltage
<b>Duty Cycle</b>	-	<b>Detailed Description</b>	Converter Offline Flyback Topology 100kHz ~ 150kHz 16-SO
<b>Control Features</b>	-	<b>Base Part Number</b>	TEA1751

#### Related Products

<p><b>TEA1755DB1100UL</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: TEA1755 90W / 19.5V QR / DCM FLY                  Download: <a href="#">TEA1755DB1100UL.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>TEA1750T/N1/DG,518</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC PFC CONTROLLER 16SO                  Download: <a href="#">TEA1750T/N1/DG,518.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>TEA1752T/1791/DB/9</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: TEA1752 DEMOBOARD                  Download: <a href="#">TEA1752T/1791/DB/9.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>TEA1750T/N1,518</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC PFC CONTROLLER DCM16SOIC                  Download: <a href="#">TEA1750T/N1,518.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>TEA1752T/N1,518</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC CTRLR SMPS SW MODE 16SOIC</p> <p><a href="#">RFQ</a></p>	<p><b>TEA1742T/N1,118</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC CTRLR GREENCHIP PFC 8-SOIC                  Download: <a href="#">TEA1742T/N1,118.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>TEA1753T/N1,518</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC CTRLR SMPS SW MODE 16SO                  Download: <a href="#">TEA1753T/N1,518.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>TEA1751AT/N1,518</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC CTRLR SMPS SO16</p> <p><a href="#">RFQ</a></p>

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