



### SC1176TSTRT

Part Number: **SC1176TSTRT**  
 Product Description: IC REG CTRLR BUCK 20TSSOP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [SC1176TSTRT.pdf](#)

Manufacturer/Brand: Semtech  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	SC1176TSTRT	<b>Manufacturer</b>	Semtech
<b>Description</b>	IC REG CTRLR BUCK 20TSSOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	SC1176TSTRT.pdf		
<b>Voltage - Supply (Vcc/Vdd)</b>	4.2 V ~ 15 V	<b>Topology</b>	Buck
<b>Synchronous Rectifier</b>	Yes	<b>Supplier Device Package</b>	20-TSSOP
<b>Series</b>	-	<b>Serial Interfaces</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	20-TSSOP (0.173", 4.40mm Width)
<b>Output Type</b>	Transistor Driver	<b>Output Phases</b>	2
<b>Output Configuration</b>	Positive	<b>Operating Temperature</b>	0°C ~ 70°C (TA)
<b>Number of Outputs</b>	2	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Function</b>	Step-Down
<b>Frequency - Switching</b>	300kHz	<b>Duty Cycle (Max)</b>	95%
<b>Detailed Description</b>	Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-TSSOP	<b>Control Features</b>	Enable, Power Good, Soft Start
<b>Clock Sync</b>	No		

#### Related Products

<p><b>SC1159SWTRT</b>                  Manufacturers: Semtech                  Description: IC REG CTRLR BUCK 28SOIC                  Download: <a href="#">SC1159SWTRT.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SC1176ASWTRT</b>                  Manufacturers: Semtech                  Description: IC REG CTRLR BUCK 20SOIC                  Download: <a href="#">SC1176ASWTRT.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>SC11372CQ</b>                  Manufacturers: N/A                  Description: IC INTEGRATED PROCESSOR</p> <p><a href="#">RFQ</a></p>	<p><b>SC12-10M10</b>                  Manufacturers: Omron Automation &amp; Safety                  Description: 10M CABLE 4-PIN FEMALE MICRO-DC</p> <p><a href="#">RFQ</a></p>
<p><b>SC1186CSWTRT</b>                  Manufacturers: Semtech                  Description: IC CTRL PWM SYNC PROGR 24SOIC                  Download: <a href="#">SC1186CSWTRT.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SC1185CSW.TRT</b>                  Manufacturers: Semtech                  Description: IC CTRL PWM SYNC PROGR 24SOIC                  Download: <a href="#">SC1185CSW.TRT.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>SC12-10M30</b>                  Manufacturers: Omron Automation &amp; Safety                  Description: 10M CABLE 8-PIN FEMALE MICRO-DC</p> <p><a href="#">RFQ</a></p>	<p><b>SC1185ACSWTRT</b>                  Manufacturers: Semtech                  Description: IC CTRL PWM SYNC PROGR 24SOIC                  Download: <a href="#">SC1185ACSWTRT.pdf</a></p> <p><a href="#">RFQ</a></p>

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