



L6590D

Part Number:	L6590D
Manufacturer/Brand:	STMicroelectronics
Product description	IC SWIT OVP OCP 16SOIC
Datasheets:	 L6590D.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	41809 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of L6590D

PART NUMBER	L6590D
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC SWIT OVP OCP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	41809 pcs
DATA SHEET	 L6590D.pdf
VOLTAGE - SUPPLY (VCC/VDD)	6.5 V ~ 18 V
VOLTAGE - START UP	14.5V
VOLTAGE - BREAKDOWN	700V
TOPOLOGY	Flyback
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
POWER (WATTS)	15W
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OUTPUT ISOLATION	Isolated
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERNAL SWITCH(S)	Yes
FREQUENCY - SWITCHING	65kHz
FAULT PROTECTION	Current Limiting, Over Temperature, Over Voltage
DUTY CYCLE	70%
DETAILED DESCRIPTION	Converter Offline Flyback Topology 65kHz 16-SO
CONTROL FEATURES	-
BASE PART NUMBER	L6590

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