



TSC102IYDT

Part Number:	TSC102IYDT
Manufacturer/Brand:	STMicroelectronics
Product description	IC OPAMP CURRENT SENSE 1MHZ 8SO
Datasheets:	PDF TSC102IYDT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of TSC102IYDT

PART NUMBER	TSC102IYDT
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC OPAMP CURRENT SENSE 1MHZ 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF TSC102IYDT.pdf
VOLTAGE - SUPPLY, SINGLE/DUAL (±)	3.5 V ~ 5.5 V
VOLTAGE - INPUT OFFSET	3.5mV
SUPPLIER DEVICE PACKAGE	8-SO
SLEW RATE	0.4 V/μs
SERIES	Automotive, AEC-Q100
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	-
OTHER NAMES	497-10820-2
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CIRCUITS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	38 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GAIN BANDWIDTH PRODUCT	1MHz
DETAILED DESCRIPTION	Current Sense Amplifier 2 Circuit 8-SO
CURRENT - SUPPLY	420μA
CURRENT - OUTPUT / CHANNEL	30mA
CURRENT - INPUT BIAS	10pA
BASE PART NUMBER	TSC102
AMPLIFIER TYPE	Current Sense
-3DB BANDWIDTH	800kHz

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