



STMicroelectronics



Image may be representation. See specifications for product details.

STG3689DTR

Part Number:	STG3689DTR
Manufacturer/Brand:	STMicroelectronics
Product description	IC SWITCH DUAL SPDT 10TDFN
Datasheets:	 STG3689DTR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	43555 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

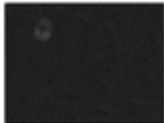
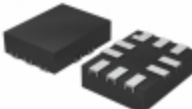
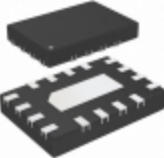
Specifications of STG3689DTR

PART NUMBER	STG3689DTR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC SWITCH DUAL SPDT 10TDFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43555 pcs
DATA SHEET	 STG3689DTR.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	1.65 V ~ 4.3 V
VOLTAGE - SUPPLY, DUAL (V±)	-
SWITCH TIME (TON, TOFF) (MAX)	50ns, 30ns
SWITCH CIRCUIT	SPDT
SUPPLIER DEVICE PACKAGE	10-TDFN (2.5x1.4)
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	10-UFDFN
OPERATING TEMPERATURE	-55°C ~ 125°C (TA)
ON-STATE RESISTANCE (MAX)	700 mOhm
NUMBER OF CIRCUITS	2
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	2:1
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2 Circuit IC Switch 2:1 700 mOhm 10-TDFN (2.5x1.4)
CURRENT - LEAKAGE (IS(OFF)) (MAX)	10nA
CROSSTALK	-76dB @ 100kHz
CHARGE INJECTION	44pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	600 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	7pF
BASE PART NUMBER	STG3689
-3DB BANDWIDTH	85MHz

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