

AS1752S-T



Part Number: [AS1752S-T](#)

Manufacturer [ams](#)

Description IC SWITCH QUAD SPST 14-TSSOP

Data sheet:  [AS1751-53](#)

RoHs Status: Lead free / RoHS Compliant

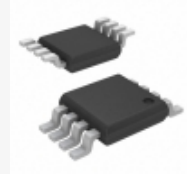
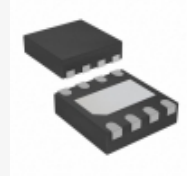
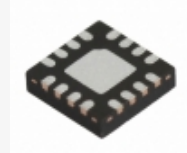
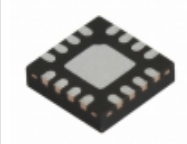
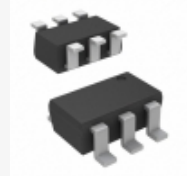
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1752S-T	Manufacturer	ams
Description	IC SWITCH QUAD SPST 14-TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65135 pcs	Data sheet	AS1751-53
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.6 V ~ 3.6 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	22ns, 14ns
Switch Circuit	SPST - NC	Supplier Device Package	14-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	900 mOhm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 900 mOhm 14-TSSOP	Current - Leakage (IS(off)) (Max)	2.5nA
Crosstalk	-80dB @ 1MHz	Charge Injection	2pC
Channel-to-Channel Matching (ΔRon)	30 mOhm	Channel Capacitance (CS(off), CD(off))	45pF, 45pF
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: AS1751S-T Description: IC SWITCH QUAD SPST 14-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1810-PTR Description: IC RTC CLK/CALENDAR I2C 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1746-BTDR Description: IC SWITCH DUAL SPDT 10-TDFN	Manufacturers: ams	RFQ
	Part#: AS176-59LF Description: IC SW SPDT DC-3.0GHZ GAAS 8MSOP	Manufacturers: Skyworks Solutions, Inc.	RFQ
	Part#: AS179-92LF-EVB Description: EVAL BOARD FOR AS179-92 SPDT SW	Manufacturers: Skyworks Solutions, Inc.	RFQ
	Part#: AS1753S-T Description: IC SWITCH QUAD SPST 14-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1751S Description: IC SWITCH QUAD SPST 14-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1745G-T Description: IC SWITCH DUAL SPDT 10-MSOP	Manufacturers: ams	RFQ
	Part#: AS1751V-T Description: IC SWITCH QUAD SPST 16TQFN	Manufacturers: ams	RFQ
	Part#: AS1801-BTDT Description: IC RTC CLK/CALENDAR I2C 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS179-000 Description: IC SWITCH SPDT 300KHZ-3GHZ	Manufacturers: Skyworks Solutions Inc.	RFQ
	Part#: AS1753V-T Description: IC SWITCH QUAD SPST 16TQFN	Manufacturers: ams	RFQ
	Part#: AS1752V-T Description: IC SWITCH QUAD SPST 16TQFN	Manufacturers: ams	RFQ
	Part#: AS179-92LF Description: IC SW SPDT DC-3GHZ GAAS SC70-6	Manufacturers: Skyworks Solutions, Inc.	RFQ
	Part#: AS1745G Description: IC SWITCH DUAL SPDT 10-MSOP	Manufacturers: ams	RFQ
	Part#: AS1746-BTDT Description: IC SWITCH DUAL SPDT 10-TDFN	Manufacturers: ams	RFQ
	Part#: AS1747-BTDT Description: IC SWITCH DUAL SPDT 10-TDFN	Manufacturers: ams	RFQ
	Part#: AS1747-BTDT-1K Description: IC SWITCH DUAL SPDT 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1752S Description: IC SWITCH QUAD SPST 14-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1753S Description: IC SWITCH QUAD SPST 14-TSSOP	Manufacturers: ams	RFQ

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