

QS4A105QG8



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Part Number: [QS4A105QG8](#)

Manufacturer: [IDT \(Integrated Device Technology\)](#)

Description: IC SWITCH DUAL 4PST 20QSOP

Data sheet:  [IDTQS4A105](#)
 [IDT Suffixes](#)

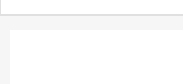
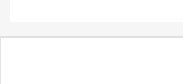
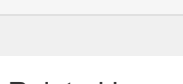
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	QS4A105QG8	Manufacturer	IDT (Integrated Device Technology)
Description	IC SWITCH DUAL 4PST 20QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51193 pcs	Data sheet	IDTQS4A105 IDT Suffixes
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	5V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	6.5ns, 6ns
Switch Circuit	4PST - NO	Supplier Device Package	20-QSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	20-SSOP (0.154", 3.90mm Width)	Other Names	800-1871-2 IDTQS4A105QG8
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	17 Ohm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	-
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 17 Ohm 20-QSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-70dB @ 5.5MHz
Charge Injection	1.5pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	5pF	Base Part Number	IDTQS4A105
-3db Bandwidth	1.3GHz		
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	Part#: QS40.244 Description: DIN RAIL PWR SUPPLY 960W 24V 40A	Manufacturers: PULS	RFQ
	Part#: QS4A210QG8 Description: IC SWITCH DUAL SP4T 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A101QG Description: IC SWITCH QUAD SPST 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A201QG Description: IC CROSSPOINT SWITCH DUAL 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A215Q1G Description: IC MUX/DEMUX DUAL 4X1 48QVSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: QS4A201QG8 Description: IC CROSSPOINT SWITCH 4X1 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A105QG Description: IC SWITCH DUAL 4PST 20QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A205QG8 Description: IC MUX/DEMUX QUAD SPDT 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS40.361 Description: DIN RAIL PSU 480W 36V 13.3A	Manufacturers: PULS	RFQ
	Part#: QS4A215Q1G8 Description: IC MUX/DEMUX DUAL 4X1 48QVSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: MAX4610EPD+ Description: IC ANALOG SW SPST N/O QUAD 14DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: LNLASB3157DFT2G Description: IC SWITCH SPDT SOT363	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: QS40.241 Description: DIN RAIL PWR SUPPLY 960W 24V 40A	Manufacturers: PULS	RFQ
	Part#: QS4A210QG Description: IC SWITCH DUAL SP4T 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ

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