

QS4A205QG



Part Number: [QS4A205QG](#)

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

Description: IC MUX/DEMUX QUAD SPDT 16QSOP

Data sheet:  [IDT Suffixes](#)
 [IDTQS4A205](#)

RoHs Status: Lead free / RoHS Compliant

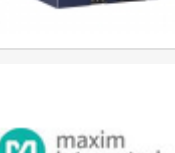
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Request For Quotation

PRODUCT PARAMETER			
Part Number	QS4A205QG	Manufacturer	IDT (Integrated Device Technology)
Description	IC MUX/DEMUX QUAD SPDT 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	54397 pcs	Data sheet	IDT Suffixes IDTQS4A205
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	5V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	6ns, 6ns
Switch Circuit	SPDT	Supplier Device Package	16-QSOP
Series	-	Packaging	Tube
Package / Case	16-SSOP (0.154", 3.90mm Width)	Other Names	800-1777 800-1777-5 800-1777-ND IDTQS4A205QG
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	17 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 2:1 17 Ohm 16-QSOP
Current - Leakage (IS(off)) (Max)	2nA	Crosstalk	-100dB @ 5MHz
Charge Injection	1.5pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	5.6pF, 7.4pF	Base Part Number	IDTQS4A205
-3db Bandwidth	830MHz		
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	Part#: QS4A210QG8 Description: IC SWITCH DUAL SP4T 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A210QG Description: IC SWITCH DUAL SP4T 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A215Q1G8 Description: IC MUX/DEMUX DUAL 4X1 48QVSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A205QG8 Description: IC MUX/DEMUX QUAD SPDT 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A105QG8 Description: IC SWITCH DUAL 4PST 20QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A101QG8 Description: IC SWITCH QUAD SPST 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: QS40.241 Description: DIN RAIL PWR SUPPLY 960W 24V 40A	Manufacturers: PULS	RFQ
	Part#: MAX4518CSD Description: IC MULTIPLEXER 4X1 14SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: QS40.361 Description: DIN RAIL PSU 480W 36V 13.3A	Manufacturers: PULS	RFQ
	Part#: QS4A201QG Description: IC CROSSPOINT SWITCH DUAL 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A201QG8 Description: IC CROSSPOINT SWITCH 4X1 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A110QG8 Description: IC SWITCH 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS40.484 Description: DIN RAIL PWR SUPPLY 960W 48V 20A	Manufacturers: PULS	RFQ
	Part#: QS4A105QG Description: IC SWITCH DUAL 4PST 20QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A215Q1G Description: IC MUX/DEMUX DUAL 4X1 48QVSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A110QG Description: IC SWITCH 24QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: QS4A101QG Description: IC SWITCH QUAD SPST 16QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MAX4622ESE Description: IC SWITCH SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ

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