

TRIQUINT SEMICONDUCTOR Amplifiers



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TriQuint
Reach Further · Reach Faster™

Amplifier ICs

TriQuint Semiconductor

GAIN BLOCK AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Gain Performance	Price Each		
					1	25	100
772-AG203-63G	AG203-63G	SOT-363	DC-6000	20dB Gain@900MHz	.93	.70	.53
772-AG302-63G	AG302-63G	SOT-363	DC-6000	15.5dB Gain@900MHz	1.44	1.09	.83
772-AG303-63G	AG303-63G	SOT-363	DC-6000	20.5dB Gain@900MHz	1.44	1.09	.83
772-AG303-86G	AG303-86G	SOT-86	DC-6000	20.5dB Gain@900MHz	1.96	1.48	1.12
772-AG603-89G	AG603-89G	SOT-89	DC-3000	18.5dB Gain@900MHz	2.03	1.54	1.16
772-AG604-86G	AG604-86G	SOT-86	DC-6000	20.5dB Gain@900MHz	2.74	2.07	1.57
772-AG604-89G	AG604-89G	SOT-89	DC-2700	21dB Gain@900MHz	2.03	1.54	1.16
772-ECG005B-G	ECG005B-G	SOT-89	DC-4000	+18dBm P1dB@1GHz	5.56	4.11	3.04
772-TGA4909	TGA4909	1.49x0.85mm	50-4000	22dBm@1.9GHz	5.86	4.75	3.85
772-TGA4928	TGA4928	1.49x0.85mm	50-4000	21dBm@1.9GHz	4.69	3.80	3.08
772-TGA4935	TGA4935	1.49x0.85mm	50-4000	23dBm@1.9GHz	5.47	4.44	3.60
772-TGA5108	TGA5108	1.49x0.85mm	50-4000	20dBm@1.9GHz	5.08	4.11	3.33
772-TQC9305	TQC9305	5x5mm	70-3600	13dBm@1.9GHz	9.68	7.16	5.30
772-TQM879026	TQM879026	4x4mm	70-4000	32dB@2.14GHz	9.24	6.84	5.06
772-TQM879028	TQM879028	4x4mm	70-4000	32dB@2.14GHz	10.69	7.91	5.86
772-TQM8M9079	TQM8M9079	5x5mm	500-2700	16 dBm@2.1GHz	9.36	6.93	5.13
772-TQP369180	TQP369180	SOT-89	0-6000	15.7dB@1GHz	1.55	1.15	.85
772-TQP369181	TQP369181	SOT-89	0-6000	15.3dB@1.9GHz	1.55	1.15	.85
772-TQP369182	TQP369182	SOT-89	0-6000	22.3dB@1GHz	1.55	1.15	.85
772-TQP369184	TQP369184	SOT-89	0-6000	20.6dB@1.9GHz	1.55	1.15	.85
772-TQP369185	TQP369185	SOT-89	0-6000	20.5dB@1GHz	1.61	1.19	.88
772-TQP3M9005	TQP3M9005	QFN-16	100-4000	15.3dB Gain@1.9GHz	2.58	1.91	1.41
772-TQP3M9006	TQP3M9006	QFN-16	500-4000	13.5dB Gain@1.9GHz	4.22	3.12	2.31
772-TQP3M9007	TQP3M9007	SOT-89	100-4000	13dB Gain@1.9GHz	5.16	3.82	2.83
772-TQP3M9018	TQP3M9018	QFN-16	50-4000	20.5dB@1.9GHz	3.91	2.89	2.14
772-TQP3M9019	TQP3M9019	QFN-16	50-4000	22dB@1.9GHz	4.95	3.66	2.71
772-TQP3M9028	TQP3M9028	SOT-89	50-4000	4.7±0.3dB from 0.5-3.5GHz	4.32	3.20	2.37
772-TQP3M9041	TQP3M9041	QFN-16	2300-4000	0.33dB Gain@2600MHz	9.08	6.72	4.97
772-TQP770001	TQP770001	2x2mm	2400-2500	27dB	1.50	1.50	1.50
772-WJA1500	WJA1500	SOT-89	50-1000	+43.5dBm OIP3	3.72	2.75	2.03
772-WJA1510	WJA1510	SOT-89	50-1000	+47dBm OIP3	3.72	2.75	2.03
Evaluation Board					Description		
772-TQC9305-PCB	TQC9305-PCB				TQC9305 3.6GHz, 5V, Evaluation Board	160.00	-

HIGH LINEARITY AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Gain Performance	Price Each		
					1	25	100
772-AH322-S8G	AH322-S8G	SO-8	400-2700	13.5dB@2140MHz	12.13	9.18	6.95
772-AH420-EG	AH420-EG	4x5 DFN	400-2700	14dB@2140MHz	23.01	16.62	12.01
772-TAT9988	TAT9988	QFN-40	1000	24dB@1000MHz	24.00	22.00	20.00
772-TQL9044	TQL9044	DFN-10	1500-2700	19.4@1900MHz	6.64	4.91	3.63
772-TQL9048	TQL9048	DFN-8	4000	40.5dB@1900MHz	4.95	3.66	2.71
772-TQP3M9008	TQP3M9008	SOT-89	50-4000	20dB@1.9GHz	3.91	2.89	2.14
772-TQP3M9009	TQP3M9009	SOT-89	50-4000	21.8dB@1.9GHz	4.95	3.66	2.71
772-TQP3M9035	TQP3M9035	QFN-8	50-4000	16.5dB@1.9GHz	4.07	3.01	2.23
772-TQP3M9036	TQP3M9036	QFN-16	400-2000	19 db@0.9 GHz	4.23	3.13	2.32
772-TQP3M9037	TQP3M9037	DFN-8	1500-2700	20dB@1.95GHz	4.23	3.13	2.32
772-TQP3M9038	TQP3M9038	QFN-24	50-4000	14.9dB@0.5-3.5GHz	4.32	3.20	2.37
772-TQP3M9039	TQP3M9039	QFN-16	500-1500	18.0dB@0.83GHz	9.08	6.72	4.97
772-TQP3M9040	TQP3M9040	QFN-16	1500-2300	18.0dB@1.95GHz	9.08	6.72	4.97
772-TQP7M9101	TQP7M9101	SOT-89	400-4000	17.5dB@2140MHz	5.42	4.01	2.97
772-TQP7M9102	TQP7M9102	SOT-89	400-4000	17.8dB Gain@2140MHz	6.85	5.07	3.75
772-TQP7M9104	TQP7M9104	QFN-24	700-2700	15.8dB@2140MHz	10.80	7.99	5.91
772-TQP7M9105	TQP7M9105	SOT-89-3	50-1500	19dB@940MHz	8.47	6.27	4.64
772-TQP7M9106	TQP7M9106	QFN-24	50-1500	20.8dB@940MHz	10.80	7.99	5.91
Evaluation Board					Description		
772-TQL9044-PCB	TQL9044-PCB				TQL9044, 2.7GHz, 5V Evaluation Board	66.67	-

POWER AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Gain Performance	Price Each		
					1	25	100
772-TGA2216	TGA2216	1.8x1.8x0.10mm	100-3000	14dB	140.00	117.00	98.00
772-TGA2216-SM	TGA2216-SM	QFN-32	100-3000	21dB	165.00	138.00	115.00
772-TGA2237	TGA2237	2.4x1.8x0.10mm	2500	19dB	140.00	117.00	98.00
772-TGA2237-SM	TGA2237-SM	QFN-32	2500	19dB	165.00	138.00	115.00
772-TGA2450-SM	TGA2450-SM	20x20mm	2110-2170	38.6dB	75.55	71.77	68.18
772-TGA2576-FS	TGA2576-FS	12.7x12.7x3.89mm	6000	26dB	684.00	580.00	580.00
772-TGA2583-SM	TGA2583-SM	QFN-32	3700	33dB	210.00	171.00	171.00
772-TGA2585-SM	TGA2585-SM	QFN-32	3700	32dB	330.00	268.00	268.00
772-TGA2611-SM	TGA2611-SM	QFN-20	6000	22dB	113.00	94.00	79.00
772-TGA2612-SM	TGA2612-SM	QFN-20	12000	22dB	113.00	94.00	79.00
772-TQM679002A	TQM679002A	3.0x3.0x0.45mm ETSLP	2400-2500	33.5dB	3.08	2.56	2.13
772-TQP2451	TQP2451	20x20mm	1900	35dB	75.55	71.77	68.18
772-TQP2453	TQP2453	20x20mm	1885	33.6dB	75.55	71.77	68.18
772-TQP6M9002	TQP6M9002	4.0x4.0x0.5mm ETSLP-24	2400-2500	-	5.94	4.95	4.12

MULTIMODE MULTIBAND POWER AMPLIFIER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Description	Price Each		
					1	25	100
772-TQM7M9053	TQM7M9053	5x7.5mm	50	Quad Band - GSM-EDGE, Tri Band - WCDMA/HSPA+/LTE	9.20	6.81	5.04

CATV AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Gain Performance	Price Each		
					1	25	100
772-TAT7457	TAT7457	SOT-89	DC-2000	19dB	9.00	8.00	7.00
772-TAT8804D1H	TAT8804D1H	QFN-40	50-1000	21dB@1.2GHz	25.00	22.00	18.00

DISCRETE AMPLIFIER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TriQuint Part No.	Package Type	Operating Bandwidth (MHz)	Gain Performance	Price Each		
					1	25	100
772-TAT6254B	TAT6254B	4.0mmx4.0mm	50-1000	38dB	17.60	14.30	8.80