

Description	Package	Digi-Key Part No.	Price Each			Tape and Reel†	
			1	25	100	Qty.	Pricing
Bluetooth/ISM Front End IC, 3V, 2.4GHz	20-QFN	T7024-PGPM 80-ND	—	1589.87/1,500	—	—	—
Bluetooth/ISM Front End IC, 3V, 2.4GHz	20-QFN	T7024-PGOM80CT-ND†	1.78	1.33	1.17	6,000	1120.50/M
Bluetooth/ISM Front End IC, 3V, 2.4GHz	20-SSOP	T7024-TRQYCT-ND†	1.78	1.33	1.17	4,000	1120.50/M
Demo Board for T7024PGM	—	DEMOBOARD-T7024PGM-ND	332.50	—	—	—	—

† For Tape and Reel part number, change CT-ND to TR-ND † Cut Tape

Cellular/Infrastructure ICs Devices

Description	Package	Digi-Key Part No.	Price Each			Tape and Reel†	
			1	25	100	Qty.	Pricing
Direct Quadrature Modulator, 5V, 800MHz – 2500MHz	16-TSSOP	T0790-6CPCT-ND†	22.01	18.43	15.36	1,000	14841.00
Quadrature Modulator, 5V, 1000MHz	16-SOIC	U2790B-MFP-ND	7.53	6.30	5.25	—	—

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Corded Phone ICs Devices

Description	Digi-Key Part No.	Price Each
Demo Board for U4089B	DEMOBOARD-U4089B-ND	332.50
Demo Board for U4090B.1	DEMOBOARD-U4090B.1-ND	332.50
Demo Board for U4091BM	DEMOBOARD-U4091BM-ND	332.50

Cordless Phone ICs Devices

Description	Package	Digi-Key Part No.	Price Each			Tape and Reel†	
			1	25	100	Qty.	Pricing
ISM Front End IC, DECT, 2.4GHz	20-QFN	T7026-PGPCT-ND†	5.38	4.50	3.75	1,500	3625.00/M
Demo Board for ATR2806	—	DEMOBOARD-ATR2806-ND	332.50	—	—	—	—

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Automotive Control Devices

Description	Package	Digi-Key Part No.	Price Each			Tape and Reel†	
			1	25	100	Qty.	Pricing
125kHz Transmitter for TPM, 8.0V – 24.0V	20-QFN	ATA5275-PGPICT-ND†	5.22	4.18	3.25	1,500	2958.00/M
Ultra Low Power 125kHz 3D Wake Up Receiver with RSSI	8-TSSOP	ATA5282-6APHCT-ND†	4.11	3.44	3.06	500	1245.00
UHF ASK/FSK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	T5743P3-TGQCT-ND†	5.81	4.86	4.05	—	—
UHF ASK/FSK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	T5743P3-TGS-ND	5.81	4.86	4.05	—	—
UHF ASK/FSK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	T5743P6-TGQCT-ND†	5.81	4.86	4.05	—	—
UHF ASK/FSK Receiver, 5V – 20V, 300MHz – 450MHz for ASK or FSK	20-SOIC	T5743P6-TGS-ND	5.81	4.86	4.05	—	—
UHF ASK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	T5744N-TGQCT-ND†	4.73	3.96	3.30	—	—
UHF ASK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SSOP	T5744N-TK-ND	4.52	3.78	3.15	—	—
UHF ASK/FSK Receiver, 868MHz – 870MHz, 902MHz – 928MHz	20-SOIC	T5760-TGQCT-ND†	5.55	4.65	3.87	2,000	3741.00/M
UHF ASK/FSK Receiver, 868MHz – 870MHz, 902MHz – 928MHz	20-SOIC	T5760-TGS-ND	5.55	4.65	3.87	—	—
UHF ASK/FSK Receiver, 868MHz – 870MHz, 902MHz – 928MHz	20-SOIC	T5761-TGQCT-ND†	5.55	4.65	3.87	2,000	3741.00/M
UHF ASK/FSK Receiver, 5V – 20V, 902MHz – 928MHz	20-SOIC	T5761-TGS-ND	5.55	4.65	3.87	—	—
UHF ASK Receiver IC, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	U3741BM-P2FL-ND	5.81	4.86	4.05	—	—
UHF ASK Receiver, 4.5V – 5.5V, 315MHz – 433.92MHz	20-SOIC	U3741BM-P3FLG3CT-ND†	5.81	4.86	4.05	2,000	3915.00/M
UHF ASK Receiver IC, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	U3741BM-P3FL-ND	6.75	4.68	3.46	—	—
UHF ASK/FSK Receiver, 4.5V – 5.5V, 300MHz – 450MHz	20-SOIC	U3742BM-P3FL-ND	6.08	5.10	4.25	—	—
Stand-Alone Antenna Driver	28-QFN	ATA5278-PKQICT-ND†	7.48	6.27	5.57	4,000	4520.00/M
Interface for 125kHz Wake-Up Function	8-TSSOP	ATA5283P-6APJCT-ND†	1.91	1.53	1.19	500	552.50
Reference Design for T5744, 315MHz	—	ATAB5744-N3-ND	298.85	—	—	—	—
Receiving Board for T5744, 433.92MHz, No SAW Filter	—	ATAB5744-N4-ND	298.85	—	—	—	—
Reference Design for T5744, 315MHz	—	ATAB5744-S3-ND	298.85	—	—	—	—
Reference Design for T5744, 433MHz	—	ATAB5744-S4-ND	298.85	—	—	—	—

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AVAGO TECHNOLOGIES RF and Microwave Products Amplifiers

Package	Typical Bias (V/mA)	Frequency Range (GHz)	Gain @ 2GHz (dB)	P _{1dB} @ 2GHz (dBm)	NF @ 2GHz (dB)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing 3,000	Avago Part No.
							1	10	100			
SOT-363	3/14	DC – 3.5	21.5	2.2	3.8	516-1490-1-ND◆	.72	6.00	48.00	516-1490-2-ND◆	360.00/M	ABA-31563-TR1G
	3/37	DC – 2.5	19.0	8.4	3.5	516-1491-1-ND◆	.78	6.50	52.00	516-1491-2-ND◆	390.00/M	ABA-32563-TR1G
	5/18	DC – 3.5	21.5	1.8	3.7	516-1558-1-ND◆	.69	5.75	46.00	516-1558-2-ND◆	345.00/M	ABA-51563-TR1G
	5/35	DC – 3.5	21.5	9.8	3.3	516-1559-1-ND◆	.75	6.25	50.00	516-1559-2-ND◆	375.00/M	ABA-52563-TR1G
	5/46	DC – 3.5	21.5	12.7	3.5	516-1560-1-ND◆	.93	7.75	62.00	516-1560-2-ND◆	465.00/M	ABA-53563-TR1G
	5/79	DC – 3.4	23.0	16.1	4.4	516-1495-1-ND◆	.99	8.25	66.00	516-1495-2-ND◆	495.00/M	ABA-54563-TR1G

Package	Frequency Range (GHz)	Test Frequency (GHz)	V _{dd} (V)	I _{dd} (mA)	NF (dB)	Gain (dB)	P _{1dB} (dBm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing 3,000	Avago Part No.
									1	10	100			
SOT-343	DC – 2.5	0.9	3.4	15.0	3.7	15.1	1.9	516-1496-1-ND	.60	5.00	40.00	—	—	ADA-4543-TR1
	DC – 2.5	0.9	3.4	15.0	3.7	15.1	1.9	516-1561-1-ND◆	.60	5.00	40.00	300.00/M	—	MSA-0686-TR1
	DC – 2.5	0.9	3.5	35.0	4.0	17.0	13.4	516-1562-1-ND◆	.66	5.50	44.00	330.00/M	—	ADA-4643-TR1G
	DC – 2.5	0.9	3.8	60.0	4.2	16.5	17.1	516-1563-1-ND◆	.72	6.00	48.00	360.00/M	—	ADA-4743-TR1G
SOT-363	0.1 – 6	2.0	3.0	42.0	2.8	12.4	14.8	516-1586-1-ND◆	2.22	18.50	148.00	1110.00/M	—	MGA-81563-TR1G
	0.1 – 6	2.0	3.0	84.0	2.2	13.2	17.3	516-1587-1-ND◆	2.61	21.75	174.00	1305.00/M	—	MGA-82563-TR1G
	0.5 – 4	2.0	3.0	4.5	1.8	14.0	-2.0	516-1512-1-ND	2.52	21.00	168.00	—	—	MGA-87563-TR1
	0.5 – 4	2.0	3.0	4.5	1.8	14.0	-2.0	516-1588-1-ND◆	2.52	21.00	168.00	1260.00/M	—	MGA-87563-TR1G

Package	Freq. Range (GHz)	NF @ Freq. (dB)	Gain @ Freq. (dB)	P _{1dB} @ Freq. (dBm)	IP ₃ @ Freq. (dBm)	V _{cc} (V) Min.	Device Volt. (V)	Device I (mA) Max.	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		Avago Part No.
										1	10	100	Qty.	Pricing	
05-SMD	0.05 – 1.3	3.6/0.5GHz	12.0/0.5GHz	17.5/0.5GHz	30.0/0.5GHz	8	5.5	80	516-1593-1-ND◆	3.75	31.25	250.00	500	937.50	MSA-1105-TR1G
86-SMD	DC – 0.8	3.0/0.5GHz	18.5/0.5GHz	2.0/0.5GHz	14.5/0.5GHz	5	3.5	50	516-1515-1-ND	2.55	21.25	170.00	—	—	MSA-0686-TR1
	DC – 0.8	3.0/0.5GHz	18.5/0.5GHz	2.0/0.5GHz	14.5/0.5GHz	5	3.5	50	516-1591-1-ND◆	2.55	21.25	170.00	1,000	1275.00	MSA-0686-TR1G
	DC – 4	3.3/1GHz	22.5/1GHz	12.5/1GHz	27.0/1GHz	10	7.8	65	516-1592-1-ND◆	1.95	16.25	130.00	1,000	975.00	MSA-0886-TR1G
SOT-143	DC – 2.3	6.0/1GHz	11.0/1GHz	9.0/1GHz	22.0/1GHz	7	4.7	60	516-1513-1-ND	2.55	21.25	170.00	—	—	MSA-0311-TR1
	DC – 2.3	6.0/1GHz	11.0/1GHz	9.0/1GHz	22.0/1GHz	7	4.7	60	516-1589-1-ND◆	2.55	21.25	170.00	3,000	1275.00/M	MSA-0311-TR1G
	DC – 0.7	3.0/0.5GHz	18.0/0.5GHz	2.0/0.5GHz	14.0/0.5GHz	5	3.3	40	516-1514-1-ND	1.80	15.00	120.00	—	—	MSA-0611-TR1
	DC – 0.7	3.0/0.5GHz	18.0/0.5GHz	2.0/0.5GHz	14.0/0.5GHz	5	3.3	40	516-1590-1-ND◆	1.80	15.00	120.00	3,000	900.00/M	MSA-0611-TR1G
	DC – 0.5	3.3/0.9GHz	17.5/0.9GHz	10.0/0.9GHz	20.0/0.9GHz	5	3.6	40	516-1518-1-ND	3.15	26.25	210.00	—	—	MSA-2111-TR1
	DC – 0.5	3.3/0.9GHz	17.5/0.9GHz	10.0/0.9GHz	20.0/0.9GHz	5	3.6	40	516-1594-1-ND◆	3.15	26.25	210.00	3,000	1575.00/M	MSA-2111-TR1G
	DC – 0.5	3.5/1GHz	18.4/1GHz	9.0/1GHz	23.0/1GHz	7	4.5	50	516-1519-1-ND	3.15	26.25	210.00	3,000	1575.00/M	MSA-3111-TR1
DC – 0.5	3.5/1GHz	18.4/1GHz	9.0/1GHz	23.0/1GHz	7	4.5	50	516-1595-1-ND◆	3.15	26.25	210.00	3,000	1575.00/M	MSA-3111-TR1G	

◆ RoHS Compliant † For Tape and Reel part number, change 1-ND to 2-ND

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