

3M Electromagnetic Compatible Products

3M EMC products can provide the following:

- EMI/RFI shielding and absorbing
- Static charge grounding
- Anti-static masking
- Cushioning
- Mechanical protection
- Conductive properties for a wide variety of applications



Series	Size	Adhesive Type	Total Thickness mils/mm	Digi-Key Part No.	Price Each	1	5	10	3M Part No.
Aluminum Foil Tape									
1120	1" x 36yds. 1" x 1yd. 6" x 36yds. 6" x 1ft.	Acrylic Conductive	4.0/0.102	3M1120C-ND	29.75	27.20	25.50	1120 X 1"	
				3M1120C-1YD-ND	1.65	1.18	1.07	1120 X 1"	
				3M1120D-ND	163.20	153.00	142.80	1120 X 6"	
1170	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Conductive	3.2/0.081	3M1170C-ND	51.29	46.90	43.97	1170 X 1"	
				3M1170C-1YD-ND	4.48	3.42	3.26	1170 X 1"	
				3M1170D-ND	260.16	243.90	227.64	1170 X 6"	
1115	1" x 60yds. 1" x 1yd. 6" x 60yds. 6" x 1ft.	Acrylic Conductive	7.0/0.177	3M1115C-ND	68.14	64.13	60.12	1115 X 1"	
				3M1115C-1YD-ND	2.34	1.67	1.51	1115 X 1"	
				3M1115D-ND	372.74	336.68	312.63	1115 X 6"	
Polyester-laminated Aluminum Foil Tape									
AL-36FR	1" x 54yds. 1" x 1yd. 6" x 54yds. 6" x 1ft.	Acrylic Conductive	2.4/0.061	3M3600C-ND	21.00	19.20	18.00	AL-36FR X 1"	
				3M3600C-1YD-ND	.77	.55	.50	AL-36FR X 1"	
				3M3600D-ND	115.20	108.00	100.80	AL-36FR X 6"	
AL-36NC	1" x 54yds. 1" x 1yd. 6" x 54yds. 6" x 1ft.	Acrylic Non-conductive	2.2/0.055	3M3601C-ND	29.75	27.20	25.50	AL-36NC X 1"	
				3M3601C-1YD-ND	1.09	.78	.71	AL-36NC X 1"	
				3M3601D-ND	163.20	153.00	142.80	AL-36NC X 6"	
AL-37BLK	1" x 21yds. 1" x 1yd. 6" x 21yds. 6" x 1ft.	Acrylic Conductive	2.8/0.071	3M3700C-ND	34.44	31.49	29.52	AL-37BLK X 1"	
				3M3700C-1YD-ND	3.16	2.26	2.04	AL-37BLK X 1"	
				3M3700D-ND	188.93	177.12	165.32	AL-37BLK X 6"	
Copper Foil Tape									
1125	1" x 36yds. 1" x 1yd. 6" x 36yds. 6" x 1ft.	Acrylic Non-conductive	3.5/0.089	3M1125C-ND	27.04	24.72	23.18	1125 X 1"	
				3M1125C-1YD-ND	1.50	1.08	.97	1125 X 1"	
				3M1125D-ND	151.20	141.75	132.30	1125 X 6"	
1126	1" x 36yds. 1" x 1yd. 6" x 36yds. 6" x 1ft.	Acrylic Conductive	3.5/0.089	3M1126C-ND	51.63	47.20	44.25	1126 X 1"	
				3M1126C-1YD-ND	2.87	2.05	1.85	1126 X 1"	
				3M1126D-ND	283.20	265.50	247.80	1126 X 6"	
1181	1/4" x 18yds. 1/2" x 18yds. 1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Conductive	2.6/0.066	3M1181A-ND	11.36	9.74	8.44	1181 X 1/4"	
				3M1181B-ND	22.70	19.46	16.87	1181 X 1/2"	
				3M1181C-ND	45.40	41.51	38.91	1181 X 1"	
1182	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Conductive, Double Sided	3.5/0.089	3M1182C-ND	54.43	49.76	46.65	1182 X 1"	
				3M1182C-1YD-ND	4.75	3.63	3.46	1182 X 1"	
				3M1182D-ND	276.10	258.84	241.59	1182 X 6"	
1194	1" x 36yds. 1" x 1yd. 6" x 36yds. 6" x 1ft.	Acrylic Non-conductive	2.6/0.066	3M1194C-ND	34.81	31.83	29.84	1194 X 1"	
				3M1194C-1YD-ND	1.93	1.39	1.25	1194 X 1"	
				3M1194D-ND	176.54	165.51	154.48	1194 X 6"	
Tin-plated Copper Foil Tape									
1183	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Conductive	2.6/0.066	3M1183C-ND	48.55	44.39	41.61	1183 X 1"	
				3M1183C-1YD-ND	4.24	3.24	3.09	1183 X 1"	
				3M1183D-ND	246.24	230.85	215.46	1183 X 6"	
Embossed Copper Foil Tape									
1245	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Non-conductive	4.0/0.102	3M1245C-ND	39.31	35.94	33.69	1245 X 1"	
				3M1245C-1YD-ND	3.74	2.81	2.50	1245 X 1"	
				3M1245D-ND	199.39	186.93	174.47	1245 X 6"	
Embossed Aluminum Foil Tape									
1267	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Non-conductive	5.0/0.127	3M1267C-ND	41.09	37.57	35.22	1267 X 1"	
				3M1267C-1YD-ND	3.59	2.74	2.61	1267 X 1"	
				3M1267D-ND	218.88	205.20	191.52	1267 X 6"	

Series	Size	Adhesive Type	Total Thickness mils/mm	Digi-Key Part No.	Price Each	1	5	10	3M Part No.
Embossed Tin-plated Copper Foil Tape									
1345	1" x 18yds. 1" x 1yd. 6" x 18yds. 6" x 1ft.	Acrylic Non-conductive	4.0/0.102	3M1345C-ND	44.12	40.34	37.82	1345 X 1"	
				3M1345C-1YD-ND	3.85	2.95	2.81	1345 X 1"	
				3M1345D-ND	223.78	209.79	195.81	1345 X 6"	
Silver-coated Polyester Fabric Tape									
AG-2300	1" x 54yds. 1" x 1yd. 6" x 54yds. 6" x 1ft.	Acrylic Conductive	4.3/0.110	3M2300C-ND	142.40	133.50	124.60	AG-2300 X 1"	
				3M2300C-1FT-ND	1.91	1.36	1.23	AG-2300 X 1"	
				3M2300D-ND	774.30	720.90	694.20	AG-2300 X 6"	
Gold-coated Polyester Fabric Tape									
AU-2190	1" x 54yds. 1" x 1yd. 6" x 54yds. 6" x 1ft.	Acrylic Conductive	4.3/0.110	3M2190C-ND	138.59	129.93	121.27	AU-2190 X 1"	
				3M2190C-1FT-ND	1.85	1.33	1.20	AU-2190 X 1"	
				3M2190D-ND	753.59	701.63	675.64	AU-2190 X 6"	
Copper-plated Polyester Ripstop Fabric Tape									
X-7001	1" x 10.9yds. 1" x 1ft. 6" x 10.9yds. 6" x 1ft.	Acrylic Conductive Double Sided	4.3/0.110	3M7001C-ND	83.73	78.80	73.88	X-7001 X 1"	
				3M7001C-1FT-ND	4.14	3.17	3.02	X-7001 X 1"	
				3M7001D-ND	443.25	413.70	384.15	X-7001 X 6"	
Nickel on Copper-plated Polyester Ripstop Fabric Tape									
CN-3190	1" x 54yds. 1" x 1ft. 6" x 54yds. 6" x 1ft.	Acrylic Conductive	4.3/0.110	3M3190C-ND	125.57	117.72	109.88	CN 3190 X 1"	
				3M3190C-1FT-ND	1.68	1.20	1.08	CN 3190 X 1"	
				3M3190D-ND	682.78	639.69	612.15	CN 3190 X 6"	
eCAP 7830N — PET Fabric Pads, XYZ-AXIS (Conductive Gaskets)									
7830N	9.45" x 54yds. 9.45" x 1ft.	Acrylic Nickel-coated Graphite	0.2mm	3M7830A-ND	891.03	827.39	811.48	ECAP 7830N .2	
				3M7830B-ND	1032.58	958.83	940.39	ECAP 7830N .3	
7830N	9.45" x 1ft.		0.3mm	3M7830B-1FT-ND	11.28	9.03	8.12	ECAP 7830N .3	
EMI Absorber Pads									
AB-5010	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.10mm	3M5010D-ND	845.35	784.97	769.88	AB-5010 X 8.26"	
				3M5010D-1FT-ND	24.62	20.93	19.70	AB-5010 X 8.26"	
AB-5020	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.20mm	3M5020D-ND	886.09	822.80	806.98	AB-5020 X 8.26"	
				3M5020D-1FT-ND	25.81	21.94	20.65	AB-5020 X 8.26"	
AB-5030	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.30mm	3M5030D-ND	1018.50	945.75	927.57	AB-5030 X 8.26"	
				3M5030D-1FT-ND	29.66	25.22	23.74	AB-5030 X 8.26"	
AB-5050	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.50mm	3M5050D-ND	1171.27	1087.61	1066.70	AB-5050 X 8.26"	
				3M5050D-1FT-ND	34.11	29.00	27.29	AB-5050 X 8.26"	
AB-5100	8.26" x 10.9yds. 8.26" x 1ft.	Acrylic Non-conductive	1.00mm	3M5100D-ND	998.13	926.84	909.02	AB-5100 X 8.26"	
				3M5100D-1FT-ND	43.61	37.07	34.89	AB-5100 X 8.26"	

Series	Size	Adhesive Type	Temperature Rating	Digi-Key Part No.	Price Each	1	5	10	3M Part No.
High Temperature Polyimide Electrical Tape									
92	1/2" x 36yds. 1" x 36yds.	Silicone	180°C	3M92A-ND	22.56	20.63	19.34	92 X 1/2"	
				3M92B-ND	45.12	41.25	38.67	92 X 1"	
1093	1/2" x 36yds. 1" x 36yds.	Silicone	180°C	3M1093A-ND	22.56	20.63	19.34	1093 X 1/2"	
				3M1093B-ND	45.12	41.25	38.67	1093 X 1"	
1205	1/2" x 36yds. 1" x 36yds.	Acrylic	155°C	3M1205A-ND	20.42	18.68	17.51	1205 X 1/2"	
				3M1205B-ND	40.86	37.36	35.03	1205 X 1"	
1206	1/2" x 36yds. 1" x 36yds.	Acrylic	155°C	3M1206A-ND	20.42	18.68	17.51	1206 X 1/2"	
				3M1206B-ND	40.86	37.36	35.03	1206 X 1"	
1218	1/2" x 36yds. 1" x 36yds.	Acrylic	180°C	3M1218A-ND	21.88	20.00	18.75	1218 X 1/2"	
				3M1218B-ND	43.75	40.00	37.50	1218 X 1"	
Tape Dispensers									
Tape Dispenser with weighted base holds tape 6" wide x 6 7/8" max. diameter				3M56W-ND	69.16	63.24	59.28	P56W	
Tape Dispenser without weighted base holds tape 8" wide x 7 1/2" max. diameter				3M448-ND	106.57	96.89	93.66	P448	
Tape Dispenser holds tape 2" wide x 6" max. dia. (use for transfer tape)				3M712-ND	198.38	185.59	179.19	M712	



RF Transceivers

Description	Package	Digi-Key Part No.	Price Each	1	25	100
RoHS Compliant						
IC Transmitter ASK/FSK/GFSK	24-TSSOP	ADF7012BRUZ-ND	4.50	3.60	2.80	
IC Transmitter FSK/ASK ISM Band	48-LFCSOP	ADF7020BCPZ-ND	5.15	4.13	3.21	
IC Transmitter FSK/ASK ISM Band	48-LFCSOP	ADF7020-1BCPZ-ND	5.15	4.13	3.21	
IC Transceiver ISM High Performance	48-LFCSOP	ADF7021BCPZ-ND	6.10	4.88	4.12	
IC Transceiver ISM High Performance	48-LFCSOP	ADF7021-NBCPZ-ND NEW!	6.10	4.88	4.12	
ISM Band Low Power, Zero-IF RF Transceiver IC	48-LFCSOP	ADF7025BCPZ-ND	6.10	4.88	4.12	
IC Transmitter OOK/FSK ISM Band	24-TSSOP	ADF7901BRUZ-ND	4.50	3.60	2.80	

ADF70XX development platform for the ADF702X family of ISM band transceivers. The kit allows you to both evaluate and develop a low power, low data rate, wireless network using any of the ADF702X ISM band transceivers with the ADLISMLINK proprietary protocol. **Development Kit Contents for EVAL-ADF70XXMB2:** • 31 x Controller board • 3.6V Lithium battery • USB Cable • Serial Port Cable • Demo/Evaluation Software (ADF7020Demo.exe and ADF7020Registers.exe) • Application Development Code (restricted source code) • Comprehensive Documentation **Development Kit Contents for EVAL-ADF70XXMB:** Same as EVAL-ADF70XXMB2 except it does not come with ADLISMLINK and source code.

Description	Digi-Key Part No.	Price Each
Mother Board for ADLISMLINK Development	EVAL-ADF70XXMB2-ND	161.25
Evaluation Board for ADF7010	EVAL-ADF7010EB1-ND	134.16
Evaluation Board DB1 for ADF7012	EVAL-ADF7012DBZ1-ND	53.75
Evaluation Board DB2 for ADF7012	EVAL-ADF7012DBZ2-ND	53.75
Evaluation Board DB3 for ADF7012	EVAL-ADF7012DBZ3-ND	53.75
Evaluation Board DB4 for ADF7012	EVAL-ADF7012DBZ4-ND	53.75
Daughter Board for ADF7012	EVAL-ADF7012DBZ5-ND	53.75

Description	Digi-Key Part No.	Price Each
Evaluation Board for ADF7020	EVAL-ADF7020DBZ1-ND	53.75
Evaluation Board for ADF7020, 433 ~ 445MHz	EVAL-ADF7020DBZ3-ND	64.50
Evaluation Board for ADF7020, 433 ~ 445MHz	EVAL-ADF7020DBZ3-ND	53.75
Evaluation Board for ADF7020, 862 ~ 870MHz	EVAL-ADF7020DBZ2-ND	53.75
Evaluation Board for ADF7020-1, 405 ~ 435MHz	EVAL-ADF7020-1DB4-ND	64.50
Evaluation Board for ADF7020-1, 405 ~ 435MHz	EVAL-ADF7020-1DB4-ND	53.75
Evaluation Board for ADF7020-2, Adjustable Frequencies	EVAL-ADF7020-1DBZ5-ND	53.75
Evaluation Board for ADF7020-1, 470 ~ 510MHz	EVAL-ADF7020-1DB6-ND	64.50
Evaluation Board for ADF7020-1, 470 ~ 510MHz	EVAL-ADF7020-1DB6-ND	53.75
Evaluation Board for ADF7020-1, 310 ~ 340MHz	EVAL-ADF7020-1DB7-ND	64.50
Evaluation Board for ADF7020-1, 310 ~ 340MHz	EVAL-ADF7020-1DBZ7-ND	53.75
Evaluation Board for ADF7020-1, 128 ~ 142MHz	EVAL-ADF7020-1DBZ8-ND	53.75



RMS Detectors



Voltage Supply (V)	Supply Current (mA)	RF Freq. (MHz)	Dynamic Range (dB)	Accuracy (dB)	Response Time (ns)	Package	Digi-Key Part No.	Price Each		
								1	25	100
2.7 - 5.5	1.1	2,500	30dB	0.25	320	8-MSOP	AD8361ARMZ-ND	7.90	6.32	5.34
2.7 - 5.5	1.1	2,500	30dB	0.25	320	SOT-23-6	AD8361ARTZ-RL7CT-ND†	7.50	6.00	5.07
4.5 - 5.5	2.0	3,800	60dB	0.50	45	16-TSSOP	AD8361ARTZ-R3L7TR-ND†	13950.00/3,000		
2.7 - 5.5	1.1	6,000	30dB	0.25	10,000	4-WLCSP	AD8362ARUZ-ND	12.50	11.25	9.98
4.5 - 5.5	7.0	2,700	60dB	0.50	—	32-LFCSP	ADL5500ACBZ-P7CT-ND‡	6.19	4.95	3.85
2.7 - 5.5	1.1	6,000	30dB	0.50	6,000	SC70-6	ADL5500ACBZ-P7TR-ND†	10230.00/3,000		
2.7 - 5.5	1.1	6,000	30dB	0.50	6,000	SC70-6	AD8364ACPZ-REEL7CT-ND‡	15.81	14.24	12.63
							AD8364ACPZ-REEL7TR-ND†	17580.23/1,500		
							ADL5501AKSZ-R7CT-ND‡	5.38	4.31	3.35
							ADL5501AKSZ-R7TR-ND†	9034.20/3,000		

† Cut Tape ‡ Tape and Reel

Gain Blocks



Freq. Range (MHz)	Gain (dB)	Output IP3 (dBm)	Noise Fig. (dB)	Supply Voltage (V)	Supply Current (mA)	Package	Digi-Key Part No.	Price Each		
								1	25	100
3.000	26	27	—	5.0	32	10-MSOP	AD8351ARMZ-ND	6.60	5.28	4.46
10 - 2,500	18	41	—	5.5	37	16-LFCSP	AD8352ACPZ-R7CT-ND‡	6.98	5.59	4.72
							AD8352ACPZ-R7TR-ND†	6543.75/1,500		
1 - 2,700	20	23.6	5.3	5.0	42	8-LFCSP	AD8353ACPZ-REEL7CT-ND‡	1.44	1.20	.96
							AD8353ACPZ-REEL7TR-ND†	1872.00/3,000		
1 - 2,700	20	19	4.2	5.0	31	8-LFCSP	AD8354ACPZ-REEL7CT-ND‡	1.44	1.20	.96
							AD8354ACPZ-REEL7TR-ND†	1872.00/3,000		
700 - 1,000	20	43	5.0	5.0	320	8-LFCSP	ADL5322ACPZ-R7CT-ND‡	6.96	5.57	4.70
							ADL5322ACPZ-R7TR-ND†	6525.00/1,500		
1,700 - 2,400	20	43	4.6	5.0	320	8-LFCSP	ADL5323ACPZ-R7CT-ND‡	6.96	5.57	4.70
							ADL5323ACPZ-R7TR-ND†	6525.00/1,500		
dc - 100	16.5	37	3.0	3.0 - 5.0	110	8-LFCSP	ADL5530ACPZ-R7CT-ND‡	3.51	2.81	2.19
							ADL5530ACPZ-R7TR-ND†	5896.80/3,000		
50 - 6,000	14.7	39.2	3.8	5.0	92	8-LFCSP	ADL5541ACPZ-R7CT-ND‡	3.71	2.97	2.31
							ADL5541ACPZ-R7TR-ND†	3155.63/1,500		
50 - 6,000	18.7	39	3.2	5.0	92	8-LFCSP	ADL5542ACPZ-R7CT-ND‡	3.71	2.97	2.31
							ADL5542ACPZ-R7TR-ND†	3155.63/1,500		
20 - 500	20	39	2.5	5.0	100	8-LFCSP	ADL5531ACPZ-R7CT-ND‡★	4.16	3.33	2.59
							ADL5531ACPZ-R7TR-ND†★	3538.13/1,500		

★ NEW! ‡ Cut Tape † Tape and Reel

Active RF Splitter



Primary Function	-3dB Bandwidth (GHz)	Voltage Supply (V)	No. of Outputs	Package	Digi-Key Part No.	Price Each		
						1	25	100
Active RF Splitter	1.3	5.0	4	20-LFCSP	ADA4302-4ACPZ-RL7CT-ND‡	5.20	4.16	3.51
					ADA4302-4ACPZ-RL7TR-ND†	4875.00/1,500		
Two-output Active Splitter	1.7	5.0	2	12-LFCSP	ADA4303-2ACPZ-R7CT-ND‡	1.98	1.58	1.19
					ADA4303-2ACPZ-R7TR-ND†	1540.50/1,500		
Active RF Splitter	1.6	5.0	2	16-LFCSP	ADA4304-2ACPZ-R7CT-ND‡	1.73	1.38	1.04
					ADA4304-2ACPZ-R7TR-ND†	1345.50/1,500		
Active RF Splitter	2.4	5.0	3	16-LFCSP	ADA4304-3ACPZ-R7CT-ND‡★	2.48	1.98	1.49
					ADA4304-3ACPZ-R7TR-ND†★	1930.50/1,500		
Active RF Splitter	2.4	5.0	4	16-LFCSP	ADA4304-4ACPZ-R7CT-ND‡	3.58	2.87	2.23
					ADA4304-4ACPZ-R7TR-ND†	3040.88/1,500		

★ NEW! ‡ Cut Tape † Tape and Reel

Log Amp and Detector



RF Freq. (MHz)	Dynamic Range (dB)	Accuracy (dB)	Response Time (ns Typ.)	Supply Voltage (V)	Supply Current (mA)	Package	Digi-Key Part No.	Price Each		
								1	25	100
—	80	±0.4	400	—	—	16-DIP	AD606JNZ-ND◆	42.86	40.00	37.15
—	50	±0.55	10	—	—	20-DIP	AD640JNZ-ND◆	51.45	48.02	44.59
—	44	±0.5	10	—	—	20-PLCC	AD641AP-ND	48.39	45.17	41.94
2,700	60	±0.2	60	2.7 - 5.5	19	14-TSSOP	AD8302ARUZ-ND◆	22.50	21.00	19.50
—	160	±0.1	100	3 - 5.5	4.5	14-TSSOP	AD8304ARU-ND	22.70	21.19	19.67
							AD8304ARUZ-ND◆	20.63	19.25	17.88
—	100	±0.3	1,000	3 - 12	5.0	16-LFCSP	AD8305ACPZ-RL7CT-ND‡◆	13.01	11.72	10.39
							AD8305ACPZ-RL7TR-ND†◆	14468.03/1,500		
5-400	100	±0.4	73	2.7 - 5.5	16	16-SOIC	AD8306ARZ-ND◆	27.75	25.90	24.05
dc-500	92	±1	400	2.7 - 5.5	8.0	8-Dip	AD8307ANZ-ND◆	11.83	10.65	9.45
						8-SOIC	AD8307ARZ-ND◆	11.83	10.65	9.45

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

More Product Available Online: www.digkey.com

524 (T083)

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RF Freq. (MHz)	Dynamic Range (dB)	Accuracy (dB)	Response Time (ns Typ.)	Supply Voltage (V)	Supply Current (mA)	Package	Digi-Key Part No.	Price Each			
								1	25	100	
dc-500	92	±1	400	2.7 - 5.5	8.0	8-SOIC	AD8307ARZ-RL7CT-ND‡◆	11.83	10.65	9.45	
						8-SOIC	AD8307ARZ-RL7TR-ND†◆	6656.25/750			
						8-SOIC	AD8307AR-REEL7CT-ND‡	13.01	11.72	10.39	
5-500	100	±0.4	67	2.7 - 5.5	16	16-TSSOP	AD8309ARUZ-ND◆	16.24	14.63	12.97	
dc-440	100	±0.4	15	2.7 - 5.5	8.0	8-MSOP	AD8310ARMZ-ND◆	9.90	7.92	6.69	
50-3,500	48	±0.5	70	2.7 - 5.5	4.2	6-WLCSP	AD8312ACBZ-P7CT-ND‡◆	2.81	2.25	1.75	
							AD8312ACBZ-P7TR-ND†◆	4725.00/3,000			
100-2,500	70	±1	40	2.7 - 5.5	14	8-MSOP	AD8313ARMZ-ND◆	18.38	17.15	15.93	
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-LFCSP	AD8314ACPZ-RL7CT-ND‡◆	2.45	1.97	1.53	
							AD8314ACPZ-RL7TR-ND†◆	4120.20/3,000			
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-MSOP	AD8314ARMZ-REEL7CT-ND‡◆	9.48	7.59	6.40	
							AD8314ARMZ-REEL7TR-ND†◆	5925.00/1,000			
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-MSOP	AD8314ARMZ-ND◆	9.48	7.59	6.40	
1-10,000	50	±1	8	3 - 5.5	20	8-LFCSP	AD8317ACPZ-R7CT-ND‡◆	7.86	6.29	5.31	
							AD8317ACPZ-R7TR-ND†◆	14619.60/3,000			
1-8,000	60	±1	10	4.5 - 5.5	68	16-LFCSP	AD8318ACPZ-REEL7CT-ND‡◆	9.98	8.99	7.97	
							AD8318ACPZ-REEL7TR-ND†◆	11096.48/1,500			
1kHz-10,000	64	±0.5	8/10	3 - 5.5	56	32-LFCSP	ADL5519ACPZ-R7CT-ND‡◆	9.96	7.97	6.73	
							ADL5519ACPZ-R7TR-ND†◆	9337.50/1,500			
Evaluation Board for AD8314.....								AD8314-EVAL-ND	111.38	—	—
Evaluation Board for AD8314.....								AD8314-ACP-EVAL-ND	111.38	—	—

† Cut Tape ‡ Tape and Reel ◆ RoHS Compliant

Mod/Demod



Mod/Demod	RF Freq. (MHz)	IQ Freq. (MHz)	Amplitude Error	Noise Floor (dBm/Hz)	Voltage Supply (V)	Package	Digi-Key Part No.	Price Each		
								1	25	100
Demod	dc - 50	—	0.05dB	-166	—	32-LFCSP	AD8333ACPZ-WP-ND	15.44	14.41	13.38
	dc - 50	50	0.25dB	—	±5.0	40-LFCSP	AD8339ACPZ-ND	20.61	19.24	17.87
Vector Mod	700 - 1,000	—	—	-149	5.0	24-LFCSP	AD8340ACPZ-REEL7CT-ND‡	16.66	15.00	13.30
							AD8340ACPZ-REEL7TR-ND†	18525.00/1,500		
Mod	250 - 1,000	80	0.2dB	-155	2.7 - 5.5	16-TSSOP	AD8345AREZ-ND	8.68	7.82	6.93
Mod	800 - 2,500	70	0.2dB	-147	2.7 - 5.5	16-TSSOP	AD8346ARUZ-ND	9.24	7.40	6.24
Demod	800 - 2,700	65	0.3dB	—	2.7 - 5.5	28-TSSOP	AD8347ARUZ-ND	10.41	9.38	8.32
Demod	50 - 1,000	75	0.25dB	—	2.7 - 5.5	28-TSSOP	AD8348ARUZ-ND	9.15	8.24	7.31
Mod	2,700	160	0.1dB	-156	5.0	16-TSSOP	AD8349AREZ-ND	8.68	7.82	6.93
Mod	250 - 1,300	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5370ACPZ-R7CT-ND‡	9.96	7.97	6.73
							ADL5370ACPZ-R7TR-ND†	9337.50/1,500		
Mod	700 - 1,300	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5371ACPZ-R7CT-ND‡★	9.96	7.97	6.73
							ADL5371ACPZ-R7TR-ND†★	9337.50/1,500		
Mod	2,300 - 3,000	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5373ACPZ-R7CT-ND‡★	9.96	7.97	6.73
							ADL5373ACPZ-R7TR-ND†★	9337.50/1,500		
Mod	2,800 - 4,000	700	—	-155	4.75 - 5.5	24-LFCSP	ADL5374ACPZ-R7CT-ND‡	9.96	7.97	6.73
							ADL5374ACPZ-R7TR-ND†	18525.60/3,000		
Mod	400 - 6,000	500	—	-161	4.75 - 5.25	24-LFCSP	ADL5375-05ACPZ-R7CT-ND‡★	9.96	7.97	6.73
							ADL5375-05ACPZ-R7TR-ND†★	18525.60/3,000		
DeMod	700 - 2,700	370	0.05	—	4.75 - 5.25	24-LFCSP	ADL5382ACPZ-R7CT-ND‡★	8.70	7.83	6.95
							ADL5382ACPZ-R7TR-ND†★	9670.05/1,500		
Mod	50 - 2,200	500	0.03	-160	4.75 - 5.5					