

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



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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	21.60	19.75	18.52	1120 X 1"	
				3M1120C-1YD-ND	1.20	.86	.78	1120 X 1"	
				3M1120D-ND	118.48	111.08	103.68	1120 X 6"	
1170	1"x 18yds. 1"x 1yd. 6"x 18yds. 6"x 1ft.	Acrylic Conductive	3.2/0.081	3M1170C-ND	38.72	35.41	33.20	1170 X 1"	
				3M1170C-1YD-ND	3.38	2.59	2.46	1170 X 1"	
				3M1170D-ND	198.88	177.08	165.27	1170 X 6"	
1115	1"x 60yds. 1"x 1yd. 6"x 60yds. 6"x 1ft.	Acrylic Conductive	7.0/0.177	3M1115C-ND	49.47	46.56	43.65	1115 X 1"	
				3M1115C-1YD-ND	1.70	1.22	1.10	1115 X 1"	
				3M1115D-ND	270.61	244.43	226.97	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	15.25	13.94	13.07	AL-36FR X 1"	
				3M3600C-1YD-ND	.56	.40	.36	AL-36FR X 1"	
				3M3600D-ND	83.64	78.41	73.19	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	21.60	19.75	18.52	AL-36NC X 1"	
				3M3601C-1YD-ND	.79	.57	.51	AL-36NC X 1"	
				3M3601D-ND	118.48	111.08	103.68	AL-36NC X 6"	
AL-37BLK	1"x 21.8yds. 1"x 1yd. 6"x 21.8yds. 6"x 1ft.	Acrylic Conductive	2.8/0.071	3M3700C-ND	25.00	22.86	21.44	AL-37BLK X 1"	
				3M3700C-1YD-ND	2.29	1.64	1.48	AL-37BLK X 1"	
				3M3700D-ND	137.16	128.59	120.02	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	19.63	17.95	16.83	1125 X 1"	
				3M1125C-1YD-ND	1.09	.78	.71	1125 X 1"	
				3M1125D-ND	109.77	102.91	96.05	1125 X 6"	
1126	1"x 36yds. 1"x 1yd. 6"x 36yds. 6"x 1ft.	Acrylic Conductive	3.5/0.089	3M1126C-ND	37.48	34.27	32.13	1126 X 1"	
				3M1126C-1YD-ND	2.08	1.49	1.34	1126 X 1"	
				3M1126D-ND	205.60	192.76	179.91	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	8.87	7.61	6.59	1181 X 1/4"	
				3M1181B-ND	17.71	15.18	13.16	1181 X 1/2"	
				3M1181C-ND	35.44	32.40	30.38	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	42.47	38.84	36.41	1182 X 1"	
				3M1182C-1YD-ND	3.71	2.84	2.70	1182 X 1"	
				3M1182D-ND	200.45	187.92	175.39	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	27.17	24.84	23.29	1194 X 1"	
				3M1194C-1YD-ND	1.51	1.08	.97	1194 X 1"	
				3M1194D-ND	128.17	120.16	112.15	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	37.89	34.64	32.48	1183 X 1"	
				3M1183C-1YD-ND	3.31	2.53	2.41	1183 X 1"	
				3M1183D-ND	178.77	167.60	156.43	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	30.67	28.05	26.29	1245 X 1"	
				3M1245C-1YD-ND	2.92	2.20	1.95	1245 X 1"	
				3M1245D-ND	144.76	135.72	126.67	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	32.07	29.32	27.49	1267 X 1"	
				3M1267C-1YD-ND	2.80	2.14	2.04	1267 X 1"	
				3M1267D-ND	158.91	148.98	139.05	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	34.43	31.48	29.52	1345 X 1"	
				3M1345C-1YD-ND	3.01	2.30	2.19	1345 X 1"	
				3M1345D-ND	162.46	152.31	142.16	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	103.38	96.93	90.46	AG-2300 X 1"	
				3M2300C-1FT-ND	1.39	.99	.89	AG-2300 X 1"	
				3M2300D-ND	562.14	523.38	503.99	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	100.62	94.33	88.05	AU-2190 X 1"	
				3M2190C-1FT-ND	1.34	.97	.87	AU-2190 X 1"	
				3M2190D-ND	547.11	509.38	490.52	AU-2190 X 6"	
Copper-plated Polyester Ripstop Fabric Tape									
X-7001	1"x 10.9yds. 1"x 1yd. 6"x 10.9yds. 6"x 1ft.	Acrylic Conductive Double Sided	4.3/0.110	3M7001C-ND	60.79	57.21	53.64	X-7001 X 1"	
				3M7001C-1FT-ND	3.01	2.30	2.19	X-7001 X 1"	
				3M7001D-ND	321.80	300.35	278.90	X-7001 X 6"	
Nickel on Copper-plated Polyester Ripstop Fabric Tape									
CN-3190	1"x 54yds. 1"x 1yd. 6"x 54yds. 6"x 1ft.	Acrylic Conductive	4.3/0.110	3M3190C-ND	91.16	85.47	79.77	CN 3190 X 1"	
				3M3190C-1FT-ND	1.22	.88	.79	CN 3190 X 1"	
				3M3190D-ND	495.70	461.51	444.42	CN 3190 X 6"	
eCAP 7830N — PET Fabric Pads, XYZ-AXIS (Conductive Gaskets)									
7830N	9.45" x 5.45yds. 9.45" x 1ft.	Acrylic Nickel-coated Graphite	0.2mm	3M7830A-ND	646.89	600.69	589.13	ECAP 7830N .2	
				3M7830B-ND	7.06	5.66	5.09	ECAP 7830N .2	
7830N	9.45" x 5.45yds. 9.45" x 1ft.	Acrylic Nickel-coated Graphite	0.3mm	3M7830A-ND	749.65	696.11	682.73	ECAP 7830N .3	
				3M7830B-ND	8.19	6.55	5.90	ECAP 7830N .3	
EMI Absorber Pads									
AB-5010	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.10mm	3M5010D-ND	613.72	569.89	558.93	AB-5010 X 8.26"	
				3M5010D-1FT-ND	17.87	15.20	14.30	AB-5010 X 8.26"	
AB-5020	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.20mm	3M5020D-ND	643.30	597.35	585.87	AB-5020 X 8.26"	
				3M5020D-1FT-ND	18.74	15.93	14.99	AB-5020 X 8.26"	
AB-5030	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.30mm	3M5030D-ND	739.43	686.62	673.42	AB-5030 X 8.26"	
				3M5030D-1FT-ND	21.53	18.31	17.23	AB-5030 X 8.26"	
AB-5050	8.26" x 16.35yds. 8.26" x 1ft.	Acrylic Non-conductive	0.50mm	3M5050D-ND	850.34	789.61	774.42	AB-5050 X 8.26"	
				3M5050D-1FT-ND	24.76	21.06	19.82	AB-5050 X 8.26"	
AB-5100	8.26" x 10.9yds. 8.26" x 1ft.	Acrylic Non-conductive	1.00mm	3M5100D-ND	724.64	672.89	659.95	AB-5100 X 8.26"	
				3M5100D-1FT-ND	31.66	26.91	25.33	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	17.04	15.58	14.61	92 X 1/2"	
				3M92B-ND	34.06	31.15	29.20	92 X 1"	
1093	1/2" x 36yds. 1" x 36yds.	Silicone	180°C	3M1093A-ND	17.04	15.58	14.61	1093 X 1/2"	
				3M1093B-ND	34.06	31.15	29.20	1093 X 1"	
1205	1/2" x 36yds. 1" x 36yds.	Acrylic	155°C	3M1205A-ND	15.43	14.11	13.22	1205 X 1/2"	
				3M1205B-ND	30.85	28.21	26.45	1205 X 1"	
1206	1/2" x 36yds. 1" x 36yds.	Acrylic	155°C	3M1206A-ND	14.82	13.56	12.71	1206 X 1/2"	
				3M1206B-ND	29.66	27.13	25.43	1206 X 1"	
1218	1/2" x 36yds. 1" x 36yds.	Acrylic	180°C	3M1218A-ND	15.88	14.52	13.62	1218 X 1/2"	
				3M1218B-ND	31.76	29.04	27.23	1218 X 1"	
Tape Dispensers									
Tape Dispenser with weighted base holds tape 6" wide x 6 7/8" max. diameter					3M56W-ND	55.36	50.61	47.45	P56W
Tape Dispenser without weighted base holds tape 8" wide x 7 1/2" max. diameter					3M448-ND	85.31	77.55	74.97	P448
Tape Dispenser holds tape 2" wide x 6" max. dia. (use for transfer tape)					3M712-ND	158.79	148.55	143.43	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	3.30	2.64	2.06	
IC Transmitter FSK/ASK ISM Band	48-LFCSOP	ADF7020BCPZ-ND	3.79	3.04	2.36	
IC Transmitter FSK/ASK ISM Band	48-LFCSOP	ADF7020-1BCPZ-ND	3.79	3.04	2.36	
IC Transceiver ISM High Performance	48-LFCSOP	ADF7021BCPZ-ND	4.49	3.59	3.03	
IC Transceiver ISM High Performance	48-LFCSOP	ADF7021-NBCPZ-ND	4.49	3.59	3.03	
ISM Band Low Power, Zero-IF RF Transceiver IC	48-LFCSOP	ADF7025BCPZ-ND	4.49	3.59	3.03	
IC Transmitter OOK/FSK ISM Band	24-TSSOP	ADF7901BRUZ-ND	3.30	2.64	2.06	

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-ADF70XXMB2Z-ND	118.48
Evaluation Board for ADF7010	EVAL-ADF7010EB1-ND	98.57
Evaluation Board DB1 for ADF7012	EVAL-ADF7012DBZ1-ND	39.49
Evaluation Board DB2 for ADF7012	EVAL-ADF7012DBZ2-ND	39.49
Evaluation Board DB3 for ADF7012	EVAL-ADF7012DBZ3-ND	39.49
Evaluation Board DB4 for ADF7012	EVAL-ADF7012DBZ4-ND	39.49
Daughter Board for ADF7012	EVAL-ADF7012DBZ5-ND	39.49

Description	Digi-Key Part No.	Price Each
Evaluation Board for ADF7020	EVAL-ADF7020DBZ1-ND	39.49
Evaluation Board for ADF7020, 433 - 445MHz	EVAL-ADF7020DBZ-ND	46.83
Evaluation Board for ADF7020, 433 - 445MHz	EVAL-ADF7020DBZ3-ND	39.49
Evaluation Board for ADF7020, 862 - 870MHz	EVAL-ADF7020DBZ2-ND	39.49
Evaluation Board for ADF7020-1, 405 - 435MHz	EVAL-ADF7020-1DB4-ND	46.83
Evaluation Board for ADF7020-1, 405 - 435MHz	EVAL-ADF7020-1DB4-ND	46.83
Evaluation Board for ADF7020-2, Adjustable Frequencies	EVAL-ADF7020-1DBZ5-ND	39.49
Evaluation Board for ADF7020-1, 470 - 510MHz	EVAL-ADF7020-1DB6-ND	46.83
Evaluation Board for ADF7020-1, 470 - 510MHz	EVAL-ADF7020-1DBZ6-ND	39.49
Evaluation Board for ADF7020-1, 310 - 340MHz	EVAL-ADF7020-1DB7-ND	46.83
Evaluation Board for ADF7020-1, 310 - 340MHz	EVAL-ADF7020-1DBZ7-ND	39.49
Evaluation Board for ADF7020-1, 128 - 142MHz		



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	5.81	4.65	3.93
2.7 - 5.5	1.1	2,500	30dB	0.25	320	SOT-23-6	AD8361ARTZ-RL7CT-ND‡ AD8361ARTZ-R3L7TR-ND‡	5.52 10262.74/3,000	4.42	3.73
4.5 - 5.5	20	3,800	60dB	0.50	45	16-TSSOP	AD8362ARUZ-ND	9.18	8.27	7.33
2.7 - 5.5	1.1	6,000	30dB	0.25	10,000	4-WLCSOP	ADL5500ACBZ-P7CT-ND‡ ADL5500ACBZ-P7TR-ND‡	4.54 7508.00/3,000	3.64	2.83
4.5 - 5.5	70	2,700	60dB	0.50	—	32-LFCSP	AD8364ACPZ-REEL7CT-ND‡ AD8364ACPZ-REEL7TR-ND‡	11.61 12911.18/1,500	10.46	9.27
2.7 - 5.5	1.1	6,000	30dB	0.50	6,000	SC70-6	ADL5501AKSZ-R7CT-ND‡ ADL5501AKSZ-R7TR-ND‡	3.96 6641.16/3,000	3.17	2.46

‡ 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◆	31.86	29.73	27.61
—	50	±0.55	10	—	—	20-DIP	AD640JNZ-ND◆	38.24	35.69	33.14
—	44	±0.5	10	—	—	20-PLCC	AD641AP-ND	35.97	33.58	31.18
2,700	60	±0.2	60	2.7 - 5.5	19	14-TSSOP	AD8302ARUZ-ND◆	16.53	15.43	14.33
—	160	±0.1	100	3 - 5.5	4.5	14-TSSOP	AD8304ARUZ-ND◆	15.16	14.15	13.14
—	100	±0.3	1,000	3 - 12	5.0	16-LFCSP	AD8305ACPZ-RL7CT-ND‡◆ AD8305ACPZ-RL7TR-ND‡◆	9.55 10624.83/1,500	8.61	7.83
5-400	100	±0.4	73	2.7 - 5.5	16	16-SOIC	AD8306ARZ-ND◆	20.39	19.03	17.67
dc-500	92	±1	400	2.7 - 5.5	8.0	8-Dip	AD8307ANZ-ND◆	8.70	7.83	6.95
						8-SOIC	AD8307ARZ-ND◆	8.70	7.83	6.95
						8-SOIC	AD8307ARZ-RL7CT-ND‡◆	8.70	7.83	6.95
						8-SOIC	AD8307ARZ-RL7TR-ND‡◆	4893.70/750	—	—
						8-SOIC	AD8307AR-REEL7CT-ND‡◆	9.45	8.51	7.55
5-500	100	±0.4	67	2.7 - 5.5	16	16-TSSOP	AD8309ARUZ-ND◆	11.94	10.75	9.54
dc-440	100	±0.4	15	2.7 - 5.5	8.0	8-MSOP	AD8310ARMZ-ND◆	7.27	5.82	4.92
50-3,500	48	±0.5	70	2.7 - 5.5	4.2	6-WLCSOP	AD8312ACBZ-P7CT-ND‡◆ AD8312ACBZ-P7TR-ND‡◆	2.08 3485.24/3,000	1.66	1.30
100-2,500	70	±1	40	2.7 - 5.5	14	8-MSOP	AD8313ARMZ-ND◆	13.50	12.61	11.71
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-LFCSP	AD8314ACPZ-RL7CT-ND‡◆ AD8314ACPZ-RL7TR-ND‡◆	1.80 3018.71/3,000	1.44	1.12
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-MSOP	AD8314ARMZ-REEL7CT-ND‡◆ AD8314ARMZ-REEL7TR-ND‡◆	6.97 4356.00/1,000	5.58	4.71
100-2,700	45	±0.5	70	2.7 - 5.5	4.5	8-MSOP	AD8314ARMZ-ND◆	6.97	5.58	4.71
1-10,000	50	±1	8	3 - 5.5	20	8-LFCSP	AD8317ACPZ-R7CT-ND‡◆ AD8317ACPZ-R7TR-ND‡◆	5.78 10748.87/3,000	4.63	3.91
1-8,000	60	±1	10	4.5 - 5.5	68	16-LFCSP	AD8318ACPZ-REEL7CT-ND‡◆ AD8318ACPZ-REEL7TR-ND‡◆	7.33 8150.18/1,500	6.60	5.86
1kHz-10,000	64	±0.5	8/10	3 - 5.5	56	32-LFCSP	ADL5519ACPZ-R7CT-ND‡◆ ADL5519ACPZ-R7TR-ND‡◆	7.32 6860.70/1,500	5.86	4.94
Evaluation Board for AD8314.....								80.86	—	—
Evaluation Board for AD8314.....								80.86	—	—

‡ Cut Tape † Tape and Reel ◆ RoHS Compliant

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‡ ADA4302-4ACPZ-RL7TR-ND‡	3.82	3.06	2.58
Two-output Active Splitter	1.7	5.0	2	12-LFCSP	ADA4303-2ACPZ-R7CT-ND‡ ADA4303-2ACPZ-R7TR-ND‡	1.45	1.17	.88
Active RF Splitter	1.6	5.0	2	16-LFCSP	ADA4304-2ACPZ-R7CT-ND‡ ADA4304-2ACPZ-R7TR-ND‡	1.27	1.02	.77
Active RF Splitter	2.4	5.0	3	16-LFCSP	ADA4304-3ACPZ-R7CT-ND‡ ADA4304-3ACPZ-R7TR-ND‡	1.82	1.46	1.09
Active RF Splitter	2.4	5.0	4	16-LFCSP	ADA4304-4ACPZ-R7CT-ND‡ ADA4304-4ACPZ-R7TR-ND‡	2.63	2.11	1.64

† Cut Tape ‡ Tape and Reel

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	11.34	10.59	9.83	
Demod	dc - 50	50	0.25dB	—	±5.0	40-LFCSP	AD8339ACPZ-ND	15.14	14.13	13.12	
Vector Mod	700 - 1,000	—	—	-149	5.0	24-LFCSP	AD8340ACPZ-REEL7CT-ND‡◆ AD8340ACPZ-REEL7TR-ND‡◆	12.24 13610.54/1,500	11.03	9.78	
Mod	140 - 1,000	80	0.2dB	-155	2.7 - 5.5	16-TSSOP	AD8345AREZ-ND	6.37	5.74	5.09	
Mod	800 - 2,500	70	0.2dB	-147	2.7 - 5.5	16-TSSOP	AD8346ARUZ-ND	6.80	5.44	4.59	
Demod	800 - 2,700	65	0.3dB	—	2.7 - 5.5	28-TSSOP	AD8347ARUZ-ND	7.66	6.90	6.12	
Demod	50 - 1,000	75	0.25dB	—	2.7 - 5.5	28-TSSOP	AD8348ARUZ-ND	6.72	6.06	5.37	
Mod	2,700	160	0.1dB	-156	5.0	16-TSSOP	AD8349AREZ-ND	6.37	5.74	5.09	
Mod	300 - 1,300	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5370ACPZ-R7CT-ND‡◆ ADL5370ACPZ-R7TR-ND‡◆	7.32 6860.70/1,500	5.86	4.94	
Mod	500 - 1,500	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5371ACPZ-R7CT-ND‡◆ ADL5371ACPZ-R7TR-ND‡◆	7.32 6860.70/1,500	5.86	4.94	
Mod	2,300 - 3,000	700	—	-156	4.75 - 5.5	24-LFCSP	ADL5373ACPZ-R7CT-ND‡◆ ADL5373ACPZ-R7TR-ND‡◆	7.32 6860.70/1,500	5.86	4.94	
Mod	3,000 - 4,000	700	—	-155	4.75 - 5.5	24-LFCSP	ADL5374ACPZ-R7CT-ND‡◆ ADL5374ACPZ-R7TR-ND‡◆	7.32 13611.63/3,000	5.86	4.94	
Mod	400 - 6,000	500	—	-161	4.75 - 5.25	24-LFCSP	ADL5375-05ACPZ-R7CT-ND‡◆ ADL5375-05ACPZ-R7TR-ND‡◆	7.32 13611.63/3,000	5.86	4.94	
DeMod	700 - 2,700	370	0.05	—	4.75 - 5.25	24-LFCSP	ADL5382ACPZ-R7CT-ND‡◆ ADL5382ACPZ-R7TR-ND‡◆	6.39 7101.15/1,500	5.75	5.10	
Mod	50 - 2,200	500	0.03	-160	4.75 - 5.5	24-LFCSP	ADL5385ACPZ-R7CT-ND‡◆ ADL5385ACPZ-R7TR-ND‡◆	7.32 6860.70/1,500	5.86	4.94	
DeMod	50 - 2,000	240	0.05	—	5.0	24-LFCSP	ADL5387ACPZ-R7CT-ND‡◆ ADL5387ACPZ-R7TR-ND‡◆	7.67 7101.15/1,500	6.14	5.18	
Evaluation Board for AD8333.....								AD8333-EVAL-ZND	263.13	—	—
Evaluation Board for AD8339.....								AD8339-EVAL-ZND	299.43	—	—

‡ Cut Tape † Tape and Reel

RF/IF Amplifiers



Freq. Range (MHz)	Gain (dB)	Output IP3 (dBm)	Noise Fig. (dB)	Supply Voltage (V)	Supply Current (mA)	Package	Function	Digi-Key Part No.	Price Each			Digi-Key Part No.	Tape and Reel		Analog Devices Part No.
									1	25	100		Qty.	Pricing	
3,000	26	27	—	5.0	32	10-MSOP	IFA / DIF	AD8351ARMZ-ND	4.85	3.88	3.28	—	—	—	AD8351ARMZ
10 - 2,500	18	41	—	5.5	37	16-LFCSP	IFA / DIF	AD8352ACPZ-R7CT-ND‡	5.13	4.11	3.46	AD8352ACPZ-R7TR-ND	1,500	3203.48/M	AD8352ACPZ-R7
1 - 2,700	20	23.6	5.3	5.0	42	8-LFCSP	Gain Block	AD8353ACPZ-REEL7CT-ND‡	1.07	.89	.72	AD8353ACPZ-REEL7TR-ND	3,000	462.47/M	AD8353ACPZ-REEL7
1 - 2,700	20	19	4.2	5.0	31	8-LFCSP	Gain Block	AD8354ACPZ-REEL7CT-ND‡	1.07	.89	.72	AD8354ACPZ-REEL7TR-ND	3,000	462.47/M	AD8354ACPZ-REEL7
700 - 1,000	20	43	5.0	5.0	320	8-LFCSP	Driver	ADL5322ACPZ-R7CT-ND‡	5.11	4.09	3.45	ADL5322ACPZ-R7TR-ND	1,500	3194.40/M	ADL5322ACPZ-R7
1,700 - 2,400	20	43	4.6	5.0	320	8-LFCSP	Driver	ADL5323ACPZ-R7CT-ND‡	5.11	4.09	3.45	ADL5323ACPZ-R7TR-ND	1,500	3194.40/M	ADL5323ACPZ-R7
dc - 1,000	16.5	37	3.0	3.0 - 5.0	110	8-LFCSP	IFA	ADL5530ACPZ-R7CT-ND‡	2.58	2.07	1.61	ADL5530ACPZ-R7TR-ND	3,000	1445.32/M	ADL5530ACPZ-R7
50 - 6,000	15	39.2	3.8	5.0	92	8-LFCSP	Gain Block	ADL5541ACPZ-R7CT-ND‡	2.73	2.19	1.70	ADL5541ACPZ-R7TR-ND	1,500	1545.84/M	ADL5541ACPZ-R7
50 - 6,000	20	39	3.2	5.0	92	8-LFCSP	Gain Block	ADL5542ACPZ-R7CT-ND‡	2.73	2.19	1.70	ADL5542ACPZ-R7TR-ND	1,500	1545.84/M	ADL5542ACPZ-R7
20 - 500	20	39	2.5	5.0	100	8-LFCSP	IFA	ADL5531ACPZ-R7CT-ND‡	3.06	2.45	1.91	ADL5531ACPZ-R7TR-ND	1,500	1730.97/M	ADL5531ACPZ-R7
20 - 500	20	40	2.5	5.0	98	16-LFCSP	IFA	ADL5534ACPZ-R7CT-ND‡	4.36	3.49	2.95	ADL5534ACPZ-R7TR-ND	1,500	2722.50/M	ADL5534ACPZ-R7
400 - 2,700	17	45	4.0	5.0	104	SOT-89	Driver	ADL5320ARKZ-R7CT-ND‡	3.75	3.00	2.53	ADL5320ARKZ-R7TR-ND	1,000	2341.35	ADL5320ARKZ-R7
2,300 - 2,400	29	—	—	3.2 - 4.2	100	16-LFCSP	Pwr Amp w/ Power Control	ADL5570ACPZ-R7CT-ND‡	6.12	5.52	4.89	ADL5570ACPZ-R7TR-ND	1,500	4536.85/M	ADL5570ACPZ-R7
2,300 - 4,000	14	41	4.0	5.0	90	SOT-89	Driver	ADL5321ARKZ-R7CT-ND‡	3.75	3.00	2.53	ADL5321ARKZ-R7TR-ND	1,000	2341.35	ADL5321ARKZ-R7

‡ Cut Tape

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.

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