



## Microwaves & RF from Penton

Microwaves & RF provides concisely written articles on RF and microwave technology and applications for design engineers and engineering managers working from approximately 10 MHz through millimeter-wave frequencies and optical wavelengths in both analog and digital areas. Published monthly, the magazine serves as a continuing-education guide for engineering professionals involved in the design of components, software, subsystems, and test equipment for automotive, commercial, industrial, medical, and military applications for high-frequency electronics.

### SEGMENTS

54,241	Total Universe / Universe Rate	\$200.00/M
48,929	Records with Phones	+ \$60.00/M
20,778	Email	\$375.00/M
	Transmission	+ \$50.00/M

### DESCRIPTION

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Primary Product	Postal	Email
Aviation	15387	4777
Automotive	13954	4240
Weapons / Electronic Warfare Systems	15708	4953
Computers / Computer Networks	19381	6754
Communications / Cellular / Broadcast	29692	9480
Consumer Electronics	12588	4011
Ics & Semiconductors	6507	2149
Medical	6750	1904
Industrial	17248	4877
Test Equipment	3042	808
Other	7913	2025

Job Function	Postal	Email
Engineering Management	26051	7659

### MEDIA TYPE

Business



### SOURCE

Controlled circulation

### GEOGRAPHY

USA

Canada

### MAINTENANCE

Market Entry	02/05/2014
New to Manager	07/20/2015
Counts Through	07/20/2015

### DATA CARD MAINTENANCE

New To System	07/20/2015
Last Update	07/22/2015
Next Update	10/31/2015
Update Frequency	QUARTERLY

Engineering	45131	13671
Exec Or Operating Mgmt	17933	5262
Professor / Instructor - Academic	1244	394
Student	221	126
Other	1845	643

<b>Title Category</b>	<b>Postal</b>	<b>Email</b>
Top Management	21400	6110
Middle/administrative Management	11295	3219
Financial Management	611	180
Sales & Marketing Management	3178	886
Information Technology (it) Professionals	7363	2451
Production Management	2521	644
Engineering Management	38224	11136
Professionals	8743	2646
All Other Management	795	206

Vp-level	2498	655
Director-level	4440	1147
Manager-level	12304	3445
Assistant -level	565	158
Human Resources	53	12
Purchasing	231	64
Retired	23	9
Senior (c-level Or Higher)	12996	3833
Students	198	108
Education	1404	372
Medical	1219	374
Lawyers	28	11

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<b>Work is Primarily</b>	<b>Postal</b>	<b>Email</b>
Rf (under 1ghz)	22210	6562
Microwave (over 1ghz)	9094	2871
Both	36518	11277
Other	17063	4392

<b>Filled 1 Or 3</b>	<b>Postal</b>	<b>Email</b>
5 Mhz - 200 Mhz	19014	4469
200 Mhz - 500 Mhz	17666	4245
500 Mhz - 1 Ghz	18958	4555
1 Ghz - 8 Ghz	23676	6358
8 Ghz - 18 Ghz	15373	4171
18 Ghz - 26.5 Ghz	11590	3132
26.5 Ghz - 40 Ghz	9432	2565
40 Ghz +	8217	2212

<b>Prioducts Specified</b>	<b>Postal</b>	<b>Email</b>
Digital Ics	48824	14377
Analog Mixed Signal	50521	14824
Components/ Interconnections/ Packaging	62390	17889
Power	53584	15650
Test & Measurement Equipment	66195	19295
Communications	56480	16931
Eda Tools	32968	9657
Embedded Hardware / Software	41934	12760
Materials	49969	13964
None Of The Above	2500	764

<b>Involved Deisgn Dev Pro</b>	<b>Postal</b>	<b>Email</b>
No	60617	14616
Yes	42044	13893

<b>State</b>	<b>Postal</b>	<b>Email</b>
Alberta	218	112
Alaska	93	41
Alabama	962	266
Arkansas	356	96
Arizona	1630	512
British Columbia	302	156

California	12443	3906
Colorado	1558	454
Connecticut	1064	301
District Of Columbia	360	79
Delaware	145	45
Florida	3760	1173
Georgia	1553	469
Hawaii	93	40
Iowa	728	196
Idaho	334	94
Illinois	3307	917
Indiana	1410	361
Kansas	752	229
Kentucky	624	162
Louisiana	510	148
Massachusetts	2828	792
Manitoba	60	41
Maryland	2142	600
Maine	227	57
Michigan	2113	601
Minnesota	1447	348
Missouri	1083	285
Mississippi	376	103
Montana	199	51
New Brunswick	18	13
North Carolina	1721	516
North Dakota	179	40
Nebraska	383	82
New Hampshire	706	212
New Jersey	2357	707
Newfoundland	10	5
New Mexico	651	200
Nova Scotia	36	17
Northwest Territories	1	0
Nevada	473	161
New York	4291	1186
Ohio	2869	751
Oklahoma	641	195
Ontario	1240	657
Oregon	1074	319
Pennsylvania	2943	823
Prince Edward Island	3	0
Puerto Rico	132	54
Quebec	548	280
Rhode Island	275	84
South Carolina	681	211

South Dakota	182	53
Saskatchewan	42	18
Tennessee	1056	292
Texas	4868	1462
Utah	741	216
Virginia	2078	658
Vermont	199	43
Washington	1519	420
Wisconsin	1471	376
West Virginia	279	78
Wyoming	121	30
Yukon	1	0

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(machinery, mechanics, design, expert, information, monthly, publication)

#### SELECTS

Job Function	<b>\$15.00/M</b>
Key Code	<b>\$3.00/M</b>
One Name Per Site	<b>\$15.00/M</b>
Phone Number	<b>\$60.00/M</b>
SCF	<b>\$10.00/M</b>
SIC Code	<b>\$15.00/M</b>
State	<b>\$10.00/M</b>
Zip	<b>\$10.00/M</b>
Primary Product	<b>\$15.00/M</b>
Product Specified	<b>\$15.00/M</b>
Commercial/Military	<b>\$15.00/M</b>
Recommend/Specify	<b>\$15.00/M</b>
Job Title	<b>\$15.00/M</b>
Employee Size	<b>\$15.00/M</b>
Sales Volume	<b>\$15.00/M</b>

#### GENDER

Male	<b>81%</b>
Female	<b>4%</b>

#### AVERAGE INCOME

Value **not available**

#### MINIMUM ORDER

Minimum Quantity	<b>5,000</b>
Minimum Price	<b>\$0.00</b>

#### NET NAME ARRANGEMENTS

**Net Name is allowed**

Floor	<b>0%</b>
Minimum Quantity	<b>0</b>
Run Charges	<b>\$10.00/M</b>

#### EXCHANGES

**Exchange is not allowed**

#### REUSE

**Please inquire**

#### CANCELLATION

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#### KEY CODING

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Charges **\$3.00/M**

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FTP	<b>\$75.00/F</b>

#### SPECIAL INSTRUCTIONS

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