

**BUSINESS PUBLICATION CIRCULATION STATEMENT
FOR THE 6 MONTH PERIOD ENDED JUNE 2009
(Including Supplementary Data)**

No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment, which must be made by the user of the report.

Two Corporate Drive, Ninth Floor
Shelton, CT 06484-6259
Phone: +1 203.447.2800
Fax: +1 203.447.2900
www.bpaww.com

A not-for-profit organization since 1931, BPA Worldwide is governed by a tripartite board comprising media owners, advertising agencies and advertisers. Spanning 25 countries, BPA serves more than 2,000 B-to-B publications and 500 consumer magazines, plus newspapers, events, Web sites, email newsletters, databases, wireless and other advertiser-supported media-as well as more than 2,600 advertiser and agency members.

Visit www.bpaww.com for the latest audit reports, membership information and publishing and advertising industry news.



A Penton Media Publication
1300 East 9th Street
Cleveland, OH 44114
Tel.: 216-696-7000
Fax: 216-931-9969
www.mwrf.com

Official Publication of: None
Established: 1962
Issues Per Year: 12



FIELD SERVED

MICROWAVES & RF serves the microwaves and radio frequency field, defined as plants, research facilities, government and military installations and other facilities concerned with the research, design development, application and use of devices, components, systems and techniques involving frequencies from 10 kHz through light.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are those individuals in the field of basic research, design engineering development engineering, manufacturing and production, engineering services, general and/or corporate management, educators or purchasing in organizations and facilities described above and other engineering.

PURPOSE

This Circulation Statement contains an analysis of industry as well as spectral work (under, over, both 1 GHz and other) by respondents who specify or authorize the purchase of products.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	521
Advertiser and Agency _____	1,713
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	50
Electronic _____	-
All Other _____	1,565
TOTAL	3,849

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	48,000	100.0	48,000	100.0	-	-
Sponsored Individually Addressed _____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	48,000	100.0	48,000	100.0	-	-

2. QUALIFIED CIRCULATION BY ISSUES WITH REMOVALS AND ADDITIONS FOR PERIOD															
2009 Issue	Number Removed	Number Added	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	2009 Issue	Number Removed	Number Added	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified
January ___	1,166	1,166	38,099	9,901			48,000	April ____	307	307	38,469	9,531			48,000
February _	1,336	1,336	37,970	10,030			48,000	*May ____	12,742	12,742	37,064	10,936			48,000
March ____	1,747	1,747	38,311	9,689			48,000	June ____	-	-	37,064	10,936			48,000
								TOTAL	16,731	16,731					

*Analyzed Issue

3a. ADDITIONAL SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009 INTERNATIONAL INDUSTRY BY TITLE ANALYSIS (EXCLUDES CANADA)						
BUSINESS AND INDUSTRY (See Note 1)	TOTAL QUALIFIED	PERCENT OF TOTAL	CLASSIFICATION BY PRIMARY JOB FUNCTION (See Note 2)			
			Engineering Management	Engineering	Executive or Operating Management	Other
Aviation	106	0.2	23	54	27	2
Automotive	130	0.3	28	62	35	5
Weapons/Electronic Warfare	899	1.9	189	459	222	29
Computers/Computer Networks	533	1.1	64	112	348	9
Communications/Cellular/Broadcast	2,815	5.9	691	1,548	495	81
Consumer Electronics	674	1.4	115	180	368	11
ICs & Semiconductors	5	-	-	3	1	1
Medical	95	0.2	26	39	26	4
Industrial	819	1.7	128	247	436	8
Test Equipment	484	1.0	104	240	121	19
Other incl Acad/Lab/Consult	1,065	2.2	206	382	301	176
TOTAL QUALIFIED CIRCULATION	7,625	15.9	1,574	3,326	2,380	345

3a. SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009 EUROPEAN INDUSTRY BY TITLE ANALYSIS						
BUSINESS AND INDUSTRY (See Note 1)	TOTAL QUALIFIED	PERCENT OF TOTAL	CLASSIFICATION BY PRIMARY JOB FUNCTION (See Note 2)			
			Engineering Management	Engineering	Executive or Operating Management	Other
Aviation	49	0.1	7	23	18	1
Automotive	78	0.2	13	32	30	3
Weapons/Electronic Warfare	484	1.0	89	202	183	10
Computers/Computer Networks	397	0.8	31	39	326	1
Communications/Cellular/Broadcast	1,138	2.4	245	566	309	18
Consumer Electronics	418	0.9	37	52	327	2
ICs & Semiconductors	-	-	-	-	-	-
Medical	55	0.1	15	14	25	1
Industrial	589	1.2	74	116	397	2
Test Equipment	257	0.5	46	110	94	7
Other incl Acad/Lab/Consult	656	1.4	125	204	243	84
TOTAL QUALIFIED CIRCULATION	4,121	8.6	682	1,358	1,952	129

3a. SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009 INTERNATIONAL ANALYSIS BY PRODUCT SPECIFIED (EXCLUDES CANADA). This is an analysis of 7,625 RESPONDENTS OR 15.8% OF THE TOTAL QUALIFIED who specify or authorize the purchase of the products listed. See questionnaire used to elicit these data on the back of this report. Since any one respondent may have checked more than one response, the totals for each of these (i.e.: products and services) should not be added together as the total may exceed the total circulation. These data are presented for statistical and marketing purposes. (See Note 3)												
BUSINESS AND INDUSTRY (See Note 1)	TOTAL QUALIFIED	NUMBER OF RECIPIENTS RESPONDING TO QUESTION	Digital ICs	Analog Mixed Signal	Components, Inter-connections & Packaging	Power	Test & Measurement Equipment	Communications	EDA Tools	Embedded Hardware & Software	Materials	None of the Above
Automotive	130	130	67	68	108	54	99	43	44	18	53	6
Weapons/Electronic Warfare	899	899	496	423	785	465	735	295	279	220	471	44
Computers/Computer Networks	533	533	167	152	324	102	292	148	105	27	102	105
Communications/Cellular/Broadcast	2,815	2,815	1,538	1,468	2,480	1,446	2,349	1,481	863	331	1,244	68
Consumer Electronics	674	674	296	295	547	273	492	261	172	58	276	48
ICs & Semiconductors	5	5	1	2	3	1	2	3	3	2	1	1
Medical	95	95	52	53	75	45	77	26	38	9	44	1
Industrial	819	819	331	327	619	301	549	247	216	81	275	96
Test Equipment	484	484	253	260	413	283	432	157	135	52	232	10
Other incl Acad/Lab/Consult	1,065	1,065	484	462	848	476	800	317	366	102	507	89
TOTAL QUALIFIED CIRCULATION	7,625	7,625	3,739	3,567	6,283	3,496	5,910	3,015	2,255	921	3,247	474

3a. SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009 ANALYSIS OF INDUSTRY BY SPECTRAL WORK. This is an analysis of respondents primary spectral work by industry. (See question # 6 on the questionnaire used to elicit this data on the back page of this report.) This is an analysis of 48,000 RESPONDENTS OR 100% OF THE TOTAL QUALIFIED WHOSE PRIMARY SPECTRAL WORK IS RF, MICROWAVE, BOTH OR OTHER.						
BUSINESS AND INDUSTRY (See Note 1)	TOTAL QUALIFIED	NUMBER OF RECIPIENTS	RF	MICROWAVE	BOTH	OTHER
Aviation	1,557	1,557	311	110	518	618
Automotive	2,564	2,564	568	133	546	1,317
Weapons/Electronic Warfare	6,111	6,111	1,094	776	2,931	1,310
Computers/Computer Networks	2,046	2,046	598	159	508	781
Communications/Cellular/Broadcast	13,161	13,161	3,368	1,612	6,486	1,695
Consumer Electronics	3,403	3,403	1,078	257	1,003	1,065
ICs & Semiconductors	529	529	117	37	151	224
Medical	1,786	1,786	560	85	366	775
Industrial	7,228	7,228	1,657	382	1,319	3,870
Test Equipment	2,892	2,892	669	263	1,201	759
Other incl Acad/Lab/Consult	6,723	6,723	1,616	642	2,610	1,855
TOTAL QUALIFIED CIRCULATION	48,000	48,000	11,636	4,456	17,639	14,269

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2009									
QUALIFICATION SOURCE	Qualified Within			Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
	1 Year	2 Years	3 Years						
I. Direct Request:	41,760	6,240	-	37,064	10,936			48,000	100.0
II. Request from recipient's company:	-	-	-	-	-			-	-
III. Membership Benefit:	-	-	-	-	-			-	-
IV. Communication from recipient or recipient's company (other than request):	-	-	-	-	-			-	-
V. TOTAL - Sources other than above (listed alphabetically):	-	-	-	-	-			-	-
Association rosters and directories	-	-	-	-	-			-	-
Business directories	-	-	-	-	-			-	-
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-			-	-
Other sources	-	-	-	-	-			-	-
VI. Single Copy Sales:	-	-	-	-	-			-	-
TOTAL QUALIFIED CIRCULATION	41,760	6,240	-	37,064	10,936			48,000	100.0
PERCENT	87.0	13.0	-	77.2	22.8			100.0	

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2009						
MAILING ADDRESS	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
Individuals by name and title and/or function	37,064	10,936			48,000	100.0
Individuals by name only	-	-			-	-
Titles or functions only	-	-			-	-
Company names only	-	-			-	-
Multi-Copy Same Addressee copies	-	-			-	-
Single Copy Sales	-	-			-	-
TOTAL QUALIFIED CIRCULATION	37,064	10,936			48,000	100.0

4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2009									
State & Zip Code	Print Version Only (A)	Electronic Version Only (B)	Total Qualified	Percent	Region/Country	Print Version Only (A)	Electronic Version Only (B)	Total Qualified	Percent
039-049 Maine	102	13	115		ASIA				
030-038 New Hampshire	341	57	398		China	126	49	175	
050-059 Vermont	84	25	109		Hong Kong - SAR	28	17	45	
010-027 Massachusetts	1,260	269	1,529		India	1,187	449	1,636	
028-029 Rhode Island	113	33	146		Indonesia	125	33	158	
060-069 Connecticut	460	102	562		Japan	153	100	253	
NEW ENGLAND	2,360	499	2,859	6.0	Korea, Republic Of	83	24	107	
100-149 New York	1,815	447	2,262		Malaysia	163	32	195	
070-089 New Jersey	1,019	256	1,275		Philippines	32	10	42	
150-196 Pennsylvania	1,324	345	1,669		Singapore	75	38	113	
MIDDLE ATLANTIC	4,158	1,048	5,206	10.8	Taiwan	69	41	110	
430-459 Ohio	1,186	304	1,490		Thailand	18	6	24	
460-479 Indiana	629	184	813		Subtotal	2,059	799	2,858	6.0
600-629 Illinois	1,493	359	1,852		MIDDLE EAST				
480-499 Michigan	872	235	1,107		Israel	112	33	145	
530-549 Wisconsin	617	135	752		Subtotal	112	33	145	0.3
EAST NO. CENTRAL	4,797	1,217	6,014	12.5	EUROPE				
550-567 Minnesota	606	190	796		Austria	11	1	12	
500-528 Iowa	350	83	433		Belgium	398	151	549	
630-658 Missouri	433	130	563		Denmark	197	135	332	
580-588 North Dakota	89	21	110		Finland	33	9	42	
570-577 South Dakota	83	23	106		France	473	366	839	
680-693 Nebraska	175	44	219		Germany	390	118	508	
660-679 Kansas	347	77	424		Greece	42	19	61	
WEST NO. CENTRAL	2,083	568	2,651	5.5	Italy	181	77	258	
197-199 Delaware	56	14	70		Netherlands	63	25	88	
206-219 Maryland	923	248	1,171		Norway	21	16	37	
200-205 Washington, DC	124	44	168		Portugal	23	6	29	
220-246 Virginia	864	240	1,104		Ireland	187	155	342	
247-268 West Virginia	114	37	151		Russian Federation	29	11	40	
270-289 North Carolina	697	180	877		Spain	127	65	192	
290-299 South Carolina	267	65	332		Sweden	221	83	304	
300-319 Georgia	598	135	733		Switzerland	44	12	56	
320-349 Florida	1,391	380	1,771		United Kingdom	300	132	432	
SOUTH ATLANTIC	5,034	1,343	6,377	13.3	Subtotal	2,740	1,381	4,121	8.6
400-427 Kentucky	215	70	285		NORTH AMERICA				
370-385 Tennessee	434	99	533		Canada	637	204	841	
350-369 Alabama	464	115	579		United States	31,148	8,351	39,499	
386-397 Mississippi	170	38	208		Mexico	31	34	65	
EAST SO. CENTRAL	1,283	322	1,605	3.3	unspecified North America	28	7	35	
716-729 Arkansas	186	38	224		Subtotal	31,844	8,596	40,440	84.3
700-714 Louisiana	216	45	261		SOUTH AMERICA				
730-749 Oklahoma	250	72	322		Argentina	113	30	143	
750-799 Texas	1,844	545	2,389		Brazil	113	33	146	
WEST SO. CENTRAL	2,496	700	3,196	6.7	Subtotal	226	63	289	0.6
590-599 Montana	95	16	111		ASIA PACIFIC				
832-838 Idaho	137	39	176		Australia	72	54	126	
820-831 Wyoming	55	13	68		New Zealand	11	10	21	
800-816 Colorado	680	189	869		Subtotal	83	64	147	0.3
870-884 New Mexico	263	79	342		TOTAL QUALIFIED CIRCULATION	37,064	10,936	48,000	100.0
850-865 Arizona	552	209	761						
840-847 Utah	311	116	427						
889-898 Nevada	183	58	241						
MOUNTAIN	2,276	719	2,995	6.2					
995-999 Alaska	38	16	54						
980-994 Washington	576	176	752						
970-979 Oregon	432	134	566						
900-961 California	5,547	1,588	7,135						
967-968 Hawaii	68	21	89						
PACIFIC	6,661	1,935	8,596	17.9					
UNITED STATES	31,148	8,351	39,499	82.3					
969 & 004-009 U.S. Territories	24	7	31						
Canada	637	204	841						
Mexico	31	34	65						
Other International	5,220	2,340	7,560						
APO/FPO	4	-	4						

7. AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS

6-Month Period Ended:	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim	Circulation Claim
	2005	2006	2007	January - June 2008	July - December 2008*	January - June 2009*
Total Audit Average Qualified	45,000	45,000	45,000	46,000	48,000	48,000
Qualified Non-Paid Total	45,000	45,000	45,000	46,000	48,000	48,000
Print Only	41,539	38,774	37,397	38,959	39,685	37,830
Electronic Only	3,461	6,226	7,603	7,041	8,315	10,170
Qualified Paid Total	-	-	-	-	-	-
Print Only	-	-	-	-	-	-
Electronic Only	-	-	-	-	-	-
Post Expire Copies included in Paid Circulation	**NC	**NC	**NC	**NC	**NC	**NC
Average Annual Order Price	**NC	**NC	**NC	**NC	**NC	**NC

*NOTE: July 2008 - June 2009 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.

**NC = None Claimed.

8. PAID CIRCULATION DATA

**NC	Average Annual Subscription Order Price for the Period. (includes promotional incentive value, if any)
12	Issues Per Year
**NC	All Single Copy Sales Prices for the Period
**NC	Renewal Rate of Paid Subscribers (Optional)

9. ADDITIONAL DATA:

METHOD OF DISTRIBUTION:

All qualified circulation conforms to the field served of a recipient's qualification, as reported. Print copies are distributed via postal services or other carriers. Recipients who request the electronic version are notified via email when the version is available.

PARAGRAPHS 5 AND 6 ARE NOT REQUIRED

QUESTIONNAIRE USED BY PUBLICATION TO ELICIT SUPPLEMENTARY DATA:

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - Print Only

QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual	37,830	100.0	37,830	100.0	-	-
Sponsored Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	-	-	-	-	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	37,830	100.0	37,830	100.0	-	-

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - Electronic Only

QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual	10,170	100.0	10,170	100.0	-	-
Sponsored Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	-	-	-	-	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	10,170	100.0	10,170	100.0	-	-

Free Subscription Offer

POSTED RESOURCE FOR THE WORKING BY ENGINEER

Microwaves & RF

P.O. Box 2100
Skokie, IL 60076-7800 USA
FAX: 915-514-3621
APPLY ONLINE: onlineadvertisers.com/RFC57002

1 Do you wish to restructure to receive Microwaves & RF FREE? YES NO

2 How would you like to receive your copy of Microwaves & RF?
 Print Digital

3 What is the primary end product or service performed at this location?
(check all that apply)

4 Which of the following best describes your primary job function? (check only one)

5 Your work is primarily: (check only one)

6 Which of the following products you specify or authorize the purchase of: (check all that apply)

PUBLISHER'S AFFIDAVIT

We hereby make oath and say that all data set forth in this statement are true.

Bill Baumann, Group Publisher
Michele Bartlett, Audience Development Manager

(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)

IMPORTANT NOTE:

This unaudited circulation statement has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed August 13, 2009
State Kansas
County Johnson
Received by BPA Worldwide August 13, 2009
Type PSJ
ID Number M071Y0J9

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2009

This issue is equal to average of the other 5 issues reported in Paragraph two.

BUSINESS AND INDUSTRY (Note 1)	TOTAL QUALIFIED	PERCENT OF TOTAL	Print Version Only (A)	Digital Version Only (B)	CLASSIFICATION BY PRIMARY JOB FUNCTIONS (See Note 2)			
					Engineering Management	Engineering	Executive or Operating Management	Other
Aviation _____	1,557	3.2	1,154	403	441	761	207	148
Automotive _____	2,564	5.3	2,044	520	895	1,157	373	139
Weapons/Electronic Warfare _____	6,111	12.7	4,705	1,406	1,963	3,431	588	129
Computers/Computer Networks _____	2,046	4.3	1,462	584	550	696	654	146
Communications/Cellular/Broadcast _____	13,161	27.4	10,316	2,845	4,306	6,869	1,658	328
Consumer Electronics _____	3,403	7.1	2,619	784	1,100	1,446	752	105
ICs & Semiconductors _____	529	1.1	392	137	158	219	87	65
Medical _____	1,786	3.7	1,404	382	619	839	238	90
Industrial _____	7,228	15.1	5,755	1,473	2,273	2,775	1,558	622
Test Equipment _____	2,892	6.0	2,243	649	859	1,525	422	86
Other incl Acad/Lab/Consult _____	6,723	14.0	4,970	1,753	1,493	3,560	1,331	339
TOTAL QUALIFIED CIRCULATION	48,000	100.0	37,064	10,936	14,657	23,278	7,868	2,197
PERCENT	100.0		77.2	22.8	30.5	48.5	16.4	4.6

Note 1: Navigation telemetry systems was combined into, "Aviation" Automotives/Transportation/Aviation was combined into, "Automotive" Electronic warfare systems; Radar Systems; Weapons control, ordnance, fusing systems; Ground support equipment, aircraft/missile; Government/military, research, design, engineering and test; Government/military user-radar; Government/military user-electronic warfare were combined into, "Weapons/Electronic Warfare Systems" Data transmission, computer systems was combined into, "Computers/Computer Networks" Communications systems equipment; Cellular systems, equipment; CATV, broadcast systems; Government/military user-communications systems, equip. were combined into, "Communications/Cellular/Broadcast" Global positioning systems; Consumer Electronics were combined into, "Consumer Electronics" New category added, "ICs & Semiconductors" Medical Equipment was combined into, "Medical" Automation, Sensing, Control, Security/Identification; Laser/electro-optical systems, equipment; Industrial/commercial control, processing equipment were combined into, "Industrial" Test and measurement equipment was combined into, "Test Equipment" Components, Hardware Equipment; Industrial/academic laboratories, consultants; Government/military user-other systems equipment; Other have been combined into, "Other including academic/laboratories/consultants"

Note 2: Design and development engineering mgmt; Eng. Services mgmt. (evaluation, QC, reliability standards, test); Basic research management; Other engineering management have been combined into, "Engineering Management" Design and development engineering; Engineering Services (evaluation, QC, reliability, standards, test); Basic research engineering; Manufacturing and production engineering; Other Engineering have been combined into, "Engineering" General and/or corporate management; Manufacturing and production mgmt/supervision; Purchasing and procurement have been combined into "Executive or Operating Management" Educators; Other have been combined into, "Other"

ADDITIONAL SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009
ANALYSIS OF INDUSTRY BY PRODUCTS SPECIFIED OR AUTHORIZED TO PURCHASE (See question # 6 on the questionnaire used to elicit this data on the back page of this report.) This is an analysis of 48,000 RESPONDENTS OR 100% OF THE TOTAL QUALIFIED WHO SPECIFY OR AUTHORIZE THE PURCHASE OF THE PRODUCTS LISTED. SINCE ANY ONE RESPONDENT MAY HAVE CHECKED MORE THAN ONE RESPONSE, THE TOTALS FOR EACH OF THESE PRODUCTS SHOULD NOT BE ADDED TOGETHER AS THE TOTAL WILL MAY EXCEED THE TOTAL CIRCULATION. THE DATA REPRESENTED IS FOR STATISTICAL AND MARKETING PURPOSES ONLY. (See Note 3)

BUSINESS AND INDUSTRY (See Note 1)	TOTAL QUALIFIED	NUMBER OF RECIPIENTS RESPONDING TO QUESTION	Digital ICs	Analog Mixed Signal	Components, Interconnections & Packaging	Power	Test & Measurement Equipment	Communications	EDA Tools	Embedded Hardware & Software	Materials	None of the above
Aviation _____	1,557	1,557	1,052	1,067	1,271	1,053	1,223	871	728	774	883	77
Automotive _____	2,564	2,564	1,599	1,630	2,160	1,523	1,984	1,140	1,011	823	1,359	83
Weapons/Electronic Warfare _____	6,111	6,111	4,153	3,994	5,443	3,692	5,225	2,476	2,130	1,850	3,464	113
Computers/Computer Networks _____	2,046	2,046	1,150	1,084	1,499	1,054	1,423	1,113	866	902	906	175
Communications/Cellular/Broadcast _____	13,161	13,161	8,641	8,566	11,468	8,081	11,211	7,635	4,606	2,553	6,534	194
Consumer Electronics _____	3,403	3,403	2,257	2,194	2,885	1,907	2,707	1,462	1,321	801	1,619	95
ICs & Semiconductors _____	529	529	326	333	384	310	366	270	257	286	298	53
Medical _____	1,786	1,786	1,239	1,228	1,532	1,076	1,471	726	748	534	972	29
Industrial _____	7,228	7,228	4,338	4,442	5,663	4,394	5,413	3,619	3,060	2,629	4,024	562
Test Equipment _____	2,892	2,892	1,894	1,903	2,495	1,903	2,559	1,083	1,066	602	1,469	43
Other incl Acad/Lab/Consult _____	6,723	6,723	3,905	3,863	5,606	3,739	5,440	2,456	2,011	649	3,208	166
TOTAL QUALIFIED CIRCULATION	48,000	48,000	30,554	30,304	40,406	28,732	39,022	22,851	17,804	12,403	24,736	1,590

Note 3: MMICS, silicon; MMICS, GaAs; DSP components have been combined into, "Digital ICs" OP amps; Analog ICs; ASP components; Mixed signal devices have been combined into and becomes, "Analog Mixed Signal" Optoelectronic components; Antennas & accessories; Solid-state oscillators; Switches; SAW devices; Waveguide/waveguide components; Isolators & circulators; Resistors & Capacitors; Coaxial cable & connectors; Couplers; Mixers; Filters; Diodes; A/D, D/A converters; Attenuators & terminations; Fiber optics; Packaging & hardware have been combined into and becomes, "Components, Interconnections & Packaging" Power meters; Signal & sweep generators have been combined into and becomes, "Power" Tubes & tube amplifiers; Amplifiers (low noise); Amplifiers (power); Measurement systems; BER testers; Synthesized signal sources; Oscilloscopes, digital; Oscilloscopes, analog; Spectrum analyzers; Network analyzers; Field-effect transistors; Bipolar transistors; Prescalers/dividers; Frequency counters have been combined into and becomes, "Test & Measurement Equipment" Communications Equipment becomes, "Communications" CAD software or services becomes, "EDA Tools" EW/radar subsystems becomes, "Embedded Hardware and Software" Substrate materials; High speed circuit boards; Absorbing/reflecting materials have been combined into and becomes, "Materials", "None of the Above"

ADDITIONAL SUPPLEMENTARY DATA FOR ISSUE OF MAY 2009
ANALYSIS OF SPECTRAL WORK BY PRODUCTS SPECIFIED. This is an analysis of 48,000 or 100% respondents of the Total Qualified, who specify or authorize the purchase of the products listed. SINCE ANY ONE RESPONDENT MAY HAVE CHECKED MORE THAN ONE RESPONSE, THE TOTALS FOR EACH OF THESE PRODUCTS SHOULD NOT BE ADDED TOGETHER AS THE TOTAL WILL MAY EXCEED THE TOTAL CIRCULATION. THE DATA REPRESENTED IS FOR STATISTICAL AND MARKETING PURPOSES ONLY. (See Note 3)

BUSINESS AND INDUSTRY	TOTAL QUALIFIED	NUMBER OF RECIPIENTS RESPONDING TO QUESTION	Digital ICs	Analog Mixed Signal	Components, Interconnections & Packaging	Power	Test & Measurement Equipment	Communications	EDA Tools	Embedded Hardware & Software	Materials	None of the above
RF (Under 1 GHz) _____	11,636	11,636	7,494	7,640	9,704	6,586	9,306	5,332	3,935	2,358	5,362	484
MICROWAVE (Over 1 GHz) _____	4,456	4,456	2,565	2,379	3,813	2,381	3,666	1,805	1,442	928	2,161	77
BOTH _____	17,639	17,639	12,346	12,237	15,859	11,753	15,595	9,142	7,124	4,596	10,287	253
OTHER _____	14,269	14,269	8,149	8,048	11,030	8,012	10,455	6,572	5,303	4,521	6,926	776
NO RESPONSE _____	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	48,000	48,000	30,554	30,304	40,406	28,732	39,022	22,851	17,804	12,403	24,736	1,590