

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.

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# COMPUTER

IEEE Computer Society  
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Fax: (714) 821-4010  
<http://.computer.org>

Official Publication of: IEEE  
Computer Society  
Established: 1966  
Issues Per Year: 12

**FIELD SERVED**

COMPUTER serves the field of computers, software, test equipment, communications systems, universities, and other firms in the field as detailed in Paragraph 3a.

**DEFINITION OF RECIPIENT QUALIFICATION**

Qualified recipients have principal job functions in general and corporate management, project engineering management and research and development management. Also qualified are recipients in software engineering, software design/development, computer science, science/physics/mathematics, consulting, education/teaching, and other related job functions reported in Paragraph 3a herein.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	-
Advertiser and Agency _____	1,674
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	212
All Other _____	1,908
<b>TOTAL</b>	<b>3,794</b>

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	-	-	-	-	-	-
Sponsored Individually Addressed ____	-	-	-	-	-	-
Membership Benefit _____	71,775	98.0	1	-	71,774	98.0
Multi-Copy Same Addressee _____	1,478	2.0	-	-	1,478	2.0
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>73,253</b>	<b>100.0</b>	<b>1</b>	<b>-</b>	<b>73,252</b>	<b>100.0</b>

2. QUALIFIED CIRCULATION BY ISSUES WITH REMOVALS AND ADDITIONS FOR PERIOD											
2008 Issue	Number Removed	Number Added	Qualified Non-Paid	Qualified Paid	Total Qualified	2008 Issue	Number Removed	Number Added	Qualified Non-Paid	Qualified Paid	Total Qualified
January _____	1,325	7,080	2	83,446	83,448	April _____	18,722	963	1	63,095	63,096
February _____	5,456	1,943	1	79,952	79,953	May _____	22	1,788	1	64,842	64,843
March _____	784	1,567	1	80,712	80,713	June _____	18	2,683	1	67,466	67,467
						<b>TOTAL</b>	<b>26,327</b>	<b>16,024</b>			

<b>3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2008</b>									
<b>This issue is 13.5% or 10,092 copies below the average of the other 5 issues reported in Paragraph two. (See Paragraph 11)</b>									
BUSINESS AND INDUSTRY	TOTAL QUALIFIED	PERCENT OF TOTAL	Qualified Non-Paid	Qualified Paid	General Corporate Management	Engineering Management Project Engineering Management, Research and Development Management, Design Engineering Management- Analog/Digital, Other Association Members	Design/Development Engineering-Analog/Digital, Hardware Engineering Software Design/Development Engineering (not else where classified), Research and Development Engineering, Computer Science, Science/Physics/Mathematics, Education/Teaching	Consulting	Retired
Computers, software computer peripheral equipment, office and business machines and other companies in computer technology allied to the field _____	29,709	45.8	1	29,708	1,548	13,205	10,687	2,550	1,708
Communications systems and equipment, computer and communications data processing services _____	4,775	7.4	-	4,775	383	1,246	2,310	819	17
Test, measurement and instrumentation equipment _____	558	0.9	-	558	45	140	341	27	5
ICs and microprocessors, semiconductors, components, sub-assemblies, materials and supplies _____	1,920	3.0	-	1,920	79	540	1,256	43	2
Navigation and guidance systems and equipment , aircraft, missiles, space and ground support equipment, oceanography and support equipment, medical electronic equipment _____	2,283	3.5	-	2,283	87	544	1,584	56	12
Consumer electronics/appliances, other commercial users of electrical, electronic equipment and services _____	1,014	1.6	-	1,014	139	257	561	56	1
Industrial equipment, controls and systems , companies within OEM incorporating electronics equipment in their end product, companies using and/or incorporating any electronic products in their manufacturing, processing, research or development activities _____	2,668	4.1	-	2,668	221	782	1,524	135	6
Independent and university research, test and design laboratories and consultants (not connected with a manufacturing company), university, college/other education institutions, libraries _____	15,084	23.3	-	15,084	354	1,409	12,596	635	90
Government agencies and armed forces _	3,255	5.0	-	3,255	209	1,008	1,826	204	8
Telecommunications services, telephone (including cellular), broadcast services (t.v., cable, radio), transportation services (airlines, railroads, etc.), power production, generation transmission, and distribution	3,239	5.0	-	3,239	254	1,061	1,660	253	11
Distributor (reseller, wholesaler, retailer) _	338	0.5	-	338	70	91	136	40	1
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>64,843</b>	<b>100.0</b>	<b>1</b>	<b>64,842</b>	<b>3,389</b>	<b>20,283</b>	<b>34,481</b>	<b>4,818</b>	<b>1,861</b>
<b>PERCENT</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>5.2</b>	<b>31.3</b>	<b>53.2</b>	<b>7.4</b>	<b>2.9</b>

**3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2008**

QUALIFICATION SOURCE	Qualified Within			Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
	1 year	2 years	3 years				
I. <b>TOTAL</b> - Personal direct request from the recipient: _____	-	-	-	-	-	-	-
a. Written _____	-	-	-	-	-	-	-
b. Telecommunication _____	-	-	-	-	-	-	-
c. Electronic _____	-	-	-	-	-	-	-
II. <b>TOTAL</b> - Request from recipient's company: _____	-	-	-	-	-	-	-
a. Written _____	-	-	-	-	-	-	-
b. Telecommunication _____	-	-	-	-	-	-	-
c. Electronic _____	-	-	-	-	-	-	-
III. <b>TOTAL</b> - Membership Benefit: _____	<b>18,003</b>	<b>46,771</b>	<b>69</b>	<b>1</b>	<b>64,842</b>	<b>64,843</b>	<b>100.0</b>
a. Individual _____	18,003	46,771	69	1	64,842	64,843	100.0
b. Organizational _____	-	-	-	-	-	-	-
IV. <b>TOTAL</b> - Communication from recipient or recipient's company (other than request): _____	-	-	-	-	-	-	-
a. Written _____	-	-	-	-	-	-	-
b. Telecommunication _____	-	-	-	-	-	-	-
c. Electronic _____	-	-	-	-	-	-	-
V. <b>TOTAL</b> - Sources other than above (listed alphabetically): _____	-	-	-	-	-	-	-
Association rosters and directories _____	-	-	-	-	-	-	-
Business directories _____	-	-	-	-	-	-	-
Independent field reports _____	-	-	-	-	-	-	-
Licensees - National, State or Local Government _____	-	-	-	-	-	-	-
Manufacturer's, distributor's and wholesaler's lists _____	-	-	-	-	-	-	-
Other sources _____	-	-	-	-	-	-	-
VI. <b>TOTAL</b> - Single Copy Sales: _____	-	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>18,003</b>	<b>46,771</b>	<b>69</b>	<b>1</b>	<b>64,842</b>	<b>64,843</b>	<b>100.0</b>
<b>PERCENT</b>	<b>27.8</b>	<b>72.1</b>	<b>0.1</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>

**3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2008**

MAILING ADDRESS	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
Individuals by name and title and/or function _____	1	64,782	64,783	99.9
Individuals by name only _____	-	-	-	-
Titles or functions only _____	-	-	-	-
Company names only _____	-	1	1	-
Multi-Copy Same Addressee copies _____	-	59	59	0.1
Single Copy Sales _____	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>1</b>	<b>64,842</b>	<b>64,843</b>	<b>100.0</b>

**4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2008**

State & Zip Code	Qualified Non-Paid	Multi Copy Same Addressee	Subscriptions	Qualified Paid	Total Qualified	Percent
039-049 Maine _____	-	-	81	81	81	-
030-038 New Hampshire _____	-	-	316	316	316	-
050-059 Vermont _____	-	-	75	75	75	-
010-027 Massachusetts _____	-	-	2,020	2,020	2,020	-
028-029 Rhode Island _____	-	-	136	136	136	-
060-069 Connecticut _____	-	-	490	490	490	-
<b>NEW ENGLAND</b>	-	-	<b>3,118</b>	<b>3,118</b>	<b>3,118</b>	<b>4.8</b>
100-149 New York _____	-	-	2,251	2,251	2,251	-
070-089 New Jersey _____	-	-	1,663	1,663	1,663	-
150-196 Pennsylvania _____	-	-	1,540	1,540	1,540	-
<b>MIDDLE ATLANTIC</b>	-	-	<b>5,454</b>	<b>5,454</b>	<b>5,454</b>	<b>8.4</b>
430-459 Ohio _____	-	-	950	950	950	-
460-479 Indiana _____	-	-	463	463	463	-
600-629 Illinois _____	-	-	1,386	1,386	1,386	-
480-499 Michigan _____	-	-	833	833	833	-
530-549 Wisconsin _____	-	-	469	469	469	-
<b>EAST NO. CENTRAL</b>	-	-	<b>4,101</b>	<b>4,101</b>	<b>4,101</b>	<b>6.3</b>
550-567 Minnesota _____	-	-	781	781	781	-
500-528 Iowa _____	-	-	256	256	256	-
630-658 Missouri _____	-	-	369	369	369	-
580-588 North Dakota _____	-	-	26	26	26	-
570-577 South Dakota _____	-	-	46	46	46	-
680-693 Nebraska _____	-	-	137	137	137	-
660-679 Kansas _____	-	-	202	202	202	-
<b>WEST NO. CENTRAL</b>	-	-	<b>1,817</b>	<b>1,817</b>	<b>1,817</b>	<b>2.8</b>
197-199 Delaware _____	-	-	75	75	75	-
206-219 Maryland _____	-	-	1,781	1,781	1,781	-
200-205 Washington, DC _____	-	-	174	174	174	-
220-246 Virginia _____	-	-	2,132	2,132	2,132	-
247-268 West Virginia _____	-	-	81	81	81	-
270-289 North Carolina _____	-	-	814	814	814	-
290-299 South Carolina _____	-	-	243	243	243	-
300-319 Georgia _____	-	-	776	776	776	-
320-349 Florida _____	-	-	1,352	1,352	1,352	-
<b>SOUTH ATLANTIC</b>	-	-	<b>7,428</b>	<b>7,428</b>	<b>7,428</b>	<b>11.5</b>
400-427 Kentucky _____	-	-	147	147	147	-
370-385 Tennessee _____	-	-	371	371	371	-
350-369 Alabama _____	-	-	372	372	372	-
386-397 Mississippi _____	-	-	97	97	97	-
<b>EAST SO. CENTRAL</b>	-	-	<b>987</b>	<b>987</b>	<b>987</b>	<b>1.5</b>
716-729 Arkansas _____	-	-	89	89	89	-
700-714 Louisiana _____	-	-	167	167	167	-
730-749 Oklahoma _____	-	-	157	157	157	-
750-799 Texas _____	-	-	2,530	2,530	2,530	-
<b>WEST SO. CENTRAL</b>	-	-	<b>2,943</b>	<b>2,943</b>	<b>2,943</b>	<b>4.5</b>
590-599 Montana _____	-	-	55	55	55	-
832-838 Idaho _____	-	-	130	130	130	-
820-831 Wyoming _____	-	-	22	22	22	-
800-816 Colorado _____	-	-	1,004	1,004	1,004	-
870-884 New Mexico _____	-	-	296	296	296	-
850-865 Arizona _____	-	-	672	672	672	-
840-847 Utah _____	-	-	235	235	235	-
889-898 Nevada _____	-	-	141	141	141	-
<b>MOUNTAIN</b>	-	-	<b>2,555</b>	<b>2,555</b>	<b>2,555</b>	<b>3.9</b>
995-999 Alaska _____	-	-	62	62	62	-
980-994 Washington _____	-	-	1,208	1,208	1,208	-
970-979 Oregon _____	-	-	633	633	633	-
900-961 California _____	-	-	6,689	6,689	6,689	-
967-968 Hawaii _____	-	-	120	120	120	-
<b>PACIFIC</b>	-	-	<b>8,712</b>	<b>8,712</b>	<b>8,712</b>	<b>13.4</b>
<b>UNITED STATES</b>	-	-	<b>37,115</b>	<b>37,115</b>	<b>37,115</b>	<b>57.2</b>
969 & 004-009 U.S. Territories _____	-	-	64	64	64	-
Canada _____	-	-	3,029	3,029	3,029	-
Mexico _____	-	-	452	452	452	-
Other International _____	1	-	24,182	24,182	24,183	-
APO/FPO _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>1</b>	<b>-</b>	<b>64,842</b>	<b>64,842</b>	<b>64,843</b>	<b>100.0</b>

## 4. GEOGRAPHICAL BREAKDOWN OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2008

Region/Country	Qualified Non-Paid	Multi Copy Same Addressee	Subscriptions	Qualified Paid	Total Qualified	Percent
<b>ASIA</b>						
Armenia	-	-	3	3	3	
Azerbaijan	-	-	4	4	4	
Bangladesh	-	-	14	14	14	
Brunei Darussalam	-	-	1	1	1	
Cambodia	-	-	1	1	1	
China	-	-	460	460	460	
Georgia	-	-	3	3	3	
Hong Kong - SAR	-	-	577	577	577	
India	-	-	1,407	1,407	1,407	
Indonesia	-	-	66	66	66	
Japan	-	-	3,114	3,114	3,114	
Kazakhstan	-	-	2	2	2	
Korea, Democratic People's Republic Of	-	-	472	472	472	
Macao	-	-	17	17	17	
Malaysia	-	-	157	157	157	
Maldives	-	-	2	2	2	
Mongolia	-	-	2	2	2	
Myanmar	-	-	2	2	2	
Pakistan	-	-	102	102	102	
Philippines	-	-	35	35	35	
Singapore	-	-	368	368	368	
Sri Lanka	-	-	56	56	56	
Taiwan	-	-	428	428	428	
Thailand	-	-	88	88	88	
Vietnam	-	-	12	12	12	
Subtotal	-	-	7,393	7,393	7,393	11.4
<b>MIDDLE EAST</b>						
Bahrain	-	-	22	22	22	
Iran	-	-	112	112	112	
Iraq	-	-	1	1	1	
Israel	-	-	239	239	239	
Jordan	-	-	51	51	51	
Kuwait	-	-	34	34	34	
Lebanon	-	-	34	34	34	
Oman	-	-	15	15	15	
Qatar	-	-	27	27	27	
Saudi Arabia	-	-	153	153	153	
Syrian Arab Republic	-	-	7	7	7	
United Arab Emirates	-	-	110	110	110	
Yemen	-	-	3	3	3	
unspecified Middle East	-	-	1	1	1	
Subtotal	-	-	809	809	809	1.2
<b>EUROPE</b>						
Albania	-	-	2	2	2	
Austria	-	-	325	325	325	
Belarus	-	-	5	5	5	
Belgium	-	-	398	398	398	
Bosnia and Herzegovina	-	-	39	39	39	
Bulgaria	-	-	49	49	49	
Croatia	-	-	195	195	195	
Cyprus	-	-	51	51	51	
Czech Republic	-	-	73	73	73	
Denmark	-	-	154	154	154	
Estonia	-	-	32	32	32	
Finland	-	-	232	232	232	
France	-	-	588	588	588	
Germany	1	-	1,733	1,733	1,734	
Gibraltar	-	-	1	1	1	
Greece	-	-	596	596	596	
Hungary	-	-	68	68	68	
Iceland	-	-	24	24	24	
Italy	-	-	955	955	955	
Latvia	-	-	35	35	35	
Liechtenstein	-	-	1	1	1	
Lithuania	-	-	20	20	20	
Luxembourg	-	-	32	32	32	
Macedonia	-	-	26	26	26	
Malta	-	-	47	47	47	
Moldova	-	-	1	1	1	
Monaco	-	-	1	1	1	
Netherlands	-	-	468	468	468	
Norway	-	-	310	310	310	
Poland	-	-	183	183	183	
Portugal	-	-	224	224	224	
Argentina	-	-	179	179	179	
Bolivia	-	-	14	14	14	
Brazil	-	-	415	415	415	
Chile	-	-	81	81	81	
Colombia	-	-	147	147	147	
Ecuador	-	-	37	37	37	
Paraguay	-	-	8	8	8	
Peru	-	-	75	75	75	
Uruguay	-	-	47	47	47	
Venezuela	-	-	35	35	35	
<b>IRELAND</b>						
Ireland	-	-			302	302
<b>ROMANIA</b>						
Romania	-	-			163	163
<b>RUSSIAN FEDERATION</b>						
Russian Federation	-	-			132	132
<b>SERBIA AND MONTENEGRO</b>						
Serbia and Montenegro	-	-			92	92
<b>SLOVAKIA</b>						
Slovakia	-	-			34	34
<b>SLOVENIA</b>						
Slovenia	-	-			97	97
<b>SPAIN</b>						
Spain	-	-			751	751
<b>SWEDEN</b>						
Sweden	-	-			385	385
<b>SWITZERLAND</b>						
Switzerland	-	-			848	848
<b>TURKEY</b>						
Turkey	-	-			202	202
<b>UKRAINE</b>						
Ukraine	-	-			34	34
<b>UNITED KINGDOM</b>						
United Kingdom	-	-			1,986	1,986
unspecified Europe	-	-			3	3
Subtotal	1	-			11,897	11,897
<b>AFRICA</b>						
Algeria	-	-			2	2
Botswana	-	-			17	17
Cameroon	-	-			2	2
Congo	-	-			1	1
Egypt	-	-			163	163
Ethiopia	-	-			2	2
Ghana	-	-			23	23
Kenya	-	-			19	19
Libyan Arab Jamahiriya	-	-			2	2
Mauritius	-	-			11	11
Morocco	-	-			13	13
Mozambique	-	-			1	1
Namibia	-	-			1	1
Nigeria	-	-			132	132
Sierra Leone	-	-			1	1
South Africa	-	-			162	162
Sudan	-	-			3	3
Swaziland	-	-			1	1
Tanzania	-	-			6	6
Tunisia	-	-			8	8
Uganda	-	-			5	5
Zambia	-	-			9	9
Zimbabwe	-	-			1	1
Subtotal	-	-			585	585
<b>NORTH AMERICA</b>						
Canada	-	-			3,029	3,029
United States	-	-			37,115	37,115
Mexico	-	-			452	452
unspecified North America	-	-			64	64
Subtotal	-	-			40,660	40,660
<b>CARIBBEAN</b>						
Antigua and Barbuda	-	-			1	1
Barbados	-	-			16	16
Bermuda	-	-			6	6
Cayman Islands	-	-			3	3
Dominica	-	-			1	1
Dominican Republic	-	-			3	3
Grenada	-	-			1	1
Jamaica	-	-			37	37
Martinique	-	-			1	1
Netherlands Antilles	-	-			2	2
Puerto Rico	-	-			153	153
Saint Kitts and Nevis	-	-			1	1
Saint Lucia	-	-			2	2
Bahamas	-	-			4	4
Trinidad and Tobago	-	-			26	26
Turks and Caicos Islands	-	-			2	2
Virgin Islands, British	-	-			2	2
Virgin Islands, U.S.	-	-			2	2
Subtotal	-	-			263	263
<b>CENTRAL AMERICA</b>						
Belize	-	-			1	1
Costa Rica	-	-			21	21
El Salvador	-	-			9	9
Guatemala	-	-			7	7
Honduras	-	-			1	1
Nicaragua	-	-			13	13
Panama	-	-			25	25
Subtotal	-	-			77	77
<b>SOUTH AMERICA</b>						
Subtotal	-	-			1,038	1,038
<b>ASIA PACIFIC</b>						
American Samoa	-	-			1,901	1,901
Cook Islands	-	-			1	1
New Caledonia	-	-			3	3
New Zealand	-	-			213	213
Papua New Guinea	-	-			2	2
Subtotal	-	-			2,120	2,120
<b>TOTAL QUALIFIED</b>	<b>1</b>	<b>-</b>			<b>64,842</b>	<b>64,842</b>
					<b>64,843</b>	<b>100.0</b>

9. FIVE CALENDAR YEAR ANALYSIS: AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS					
	Audited Data	Audited Data	Audited Data	Circulation Claim	Circulation Claim
	2004	2005	2006	*2007	**2008
Total Audit Average Qualified ____	87,314	86,396	75,917	75,785	73,253
Qualified Non-Paid Total _____	1,873	2,041	2,179	2,249	1
Qualified Paid Total _____	85,441	84,355	73,738	73,536	73,252
Post Expire Copies included in Paid Circulation _____	***NC	***NC	***NC	***NC	***NC
Average Annual Order Price ____	\$17.00	\$19.00	\$19.00	***NC	***NC

**\*NOTE: The audited average qualified circulation for January – June 2007 = 75,726. The unaudited average qualified circulation for July - December 2007 = 75,842. Yielding an average qualified circulation of 75,785.**

**\*\*2008 data is unaudited.**

**\*\*\*NC = None Claimed.**

#### 10. 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)

#### 11. ADDITIONAL DATA

##### PARAGRAPH 3a:

This issue is 13.5% or 10,092 copies below the average of the other 5 issues reported in Paragraph two.

**PARAGRAPHS 5 THROUGH 8 ARE NOT AVAILABLE.**

#### PUBLISHER'S AFFIDAVIT

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

Marian Anderson, Advertising Coordinator

(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 September 16, 2008

State California

County Orange

Received by BPA Worldwide September 16, 2008

Type PJ

ID Number C088P0J8