

Description for Datacard 05: Electronic Products & Assembly Manufacturers
Total Names for This Data Card: 261372

Publisher's Introduction

This base includes individuals and their establishment engaged in the manufacture of electrical machinery, apparatus for the generation, storage, transmission and utilisation of electrical energy and their management engineers, designers, project managers, directors.

Engineers primarily engaged in the manufacture of electric motors, generators, railway motors, carbon and graphite products, relays and industrial controls.

Engineers primarily engaged in the manufacture of household electronic equipment, commercial & industrial refrigeration, cooler, compressors and condensers.

Engineers engaged in manufacturing electric bulbs, tubes and related light sources, photoflash and photoflood lamps and electrotherapeutic lamp units for ultraviolet infrared, vehicular lighting equipment.

Current carrying wire and non-current devices, insulators, porcelain and ceramic conductive wire insulators, audio and video, phonographic, automobile, television, radio, tape & CD players and the manufacturer of public address systems.

Engineers engaged in the manufacture of telephone and telegraph equipment including modems and telegraphic interface equipment, radio and television broadcasting communication equipment, including closed circuit and cable television, studio equipment, light comms, transmitters, transceivers and receivers, including cellular radio telephonex, comms antennas/receivers, RF power amplifiers and fixed mobile radio systems, fire detection and highway control signals.

Printed Circuit Board Semiconductor Related Devices Design Research Engineers engaged in manufacturing solid state devices, solar cell thermoelectric, electronic capacitors, resistors, coils, transformers, connectors & components single and multiple cell.

Vehicle Electronic Engineers – engaged in the design development of apparatus for automobile, aircraft and ocean going vessels, interplanetary vessels and satellites, military and defence systems.

Magnetic and Optical Recording Media Engineers – engaged in design and manufacture of virgin tape disk and magnetic and optical recording media, recording audio video signals, computer disk tapes and optical disk and electronic drivers.

Analytical Electronic Research and Development Engineers – engaged in the manufacture of accelerators, atom smashers, irons, grills, waffle irons, lasers & particle accelerators, ultrasonic etc.

Selection Available - SIC, work place, work type, establishment size, gender, income, geographical by country or postcode, telephone, fax, email.

Source of Data – exhibitions and seminars, journal publication, campaign management, strategic international research. For the most part this base has response origin.

Updating – continuously updated against source response, campaigns, goneaways, new names checked and suppressed against the Frankform ANDS system. Users are fully covered by our Guarantee and EC Data Protection Licence.

SIC		Postal	Tel	Fax	Email
36101	Automation Electronics	1950	669	376	140
36102	Computer Analysers	51	51	37	2
36103	Computer Office Equipment	9215	3777	2617	96
36104	Computer Manufacturers	1964	1739	1582	884
36105	Computer Printers	3814	3842	3552	13
36106	Computer Reader Scanners	38	36	27	2
36107	Computer Disk Storage	20	20	14	5
36110	Test Equipment Manufacturers	674	505	464	253
36120	Transformers, excluding Electronic	1761	1747	1516	133
36130	Switchgear & Switchboard Apparatus	2673	2584	2344	448
36210	Motor & Solar Generators	4512	3866	3433	225
36211	Electric Motors	5643	1326	593	37
36220	Electrical Control	8229	2052	1221	106
36221	Control Equipment	2156	1801	1703	972
36230	Welding Equipment - Electric	185	185	161	12
36240	Carbon & Graphite Products	531	526	498	17
36250	Relays & Industrial Controls	2218	2214	1904	126
36290	Electrical Industrial Apparatus	2182	2124	1851	397
36291	Power Supplies	3033	699	263	60
36310	Household Cooking Equipment	806	779	701	74
36320	Household Refrigerators & Freezers	4366	1709	1580	53
36330	Household Laundry Equipment	186	185	163	11
36340	Electrical Housewares & Fans	1519	1519	1393	124
36350	Household Vacuum Cleaners	341	341	315	21
36360	Sewing Machines	70	70	65	10
36370	Microwave	729	198	110	10
36380	Electrical Household DIY	67	65	58	1
36390	Household Appliances	1333	1329	947	189
36392	Thermal Electrics	2646	319	170	4
36410	Electric Lamps	987	970	864	44
36430	Current Carrying Wire Devices	2606	2523	2292	192
36440	Non-current Carrying Wiring Devices	748	747	643	35
36450	Residential Lighting Fixtures	979	935	748	115
36451	Insulators Electric	1125	514	228	3
36460	Commercial Lighting Fixtures	835	816	668	112
36470	Automobile Electronics	5172	3765	3143	374
36480	Lighting Equipment, nec	1364	1358	1184	397
36490	Electrochemical	171	274	155	0
36510	Household Audio & Video Equipment	1959	1918	1650	115
36511	Video & Still Cameras	31	31	28	20
36520	Pre-recorded CD's, Tapes & Records	1281	1211	846	141
36530	Computer & Games Consumer	130	130	98	93
36540	Battery & Storage Consumers	84	56	46	26
36610	Telephone & Telegraph Apparatus	8304	5286	3406	540
36620	Radio & TV Communications Equipment	2058	2040	1961	432
36630	Aviation Electronics	9139	3878	3085	568
36680	Satellite Equipment	213	214	212	43
36690	Communications Equipment, nec	23201	23179	21987	1842
36691	Computer Communications	2909	1190	859	133
36710	Electron Tubes	240	236	204	126
36720	Printed Circuit Boards & Micro	2560	2381	1986	153
36740	Semiconductors & Related Devices	5655	5085	4341	1756
36750	Electronic Capacitors & Solenoids	537	530	468	63
36760	Electronic Resistors	231	228	202	28
36770	Electronic Coils & Transformers	703	695	643	95

36780	Electronic Connectors & Insulators	892	885	801	94
36790	Electronic COmponents, nec	21344	20896	19302	11860
36910	Storage Batteries - Commercial	951	839	671	55
36920	Primary Batteries - Dry & Wet	705	665	608	97
36925	Ultrasonic & Ultraviolet	5284	714	242	9
36930	X-ray Equipment	92	91	88	3
36940	Engine Electrical Equipment	4124	4128	3509	56
36950	Magnetic & Optical Recording Media	926	725	612	118
36960	Defence Electronic Manufacturer	437	167	141	6
36970	Optics & Laser Fibre	1340	579	425	36
36980	Electrical Engineering	490	452	358	202
36990	Electrical Equipment & Supply,nec	6204	6125	5291	2427
36999	Analytical Semiconductor Process	38388	19776	9874	348
38110	Scientific Instruments Engineering	506	504	472	118
38120	Search & Navigation Equipment	1446	1446	1212	102
38210	Laboratory Apparatus & Furniture	806	807	687	111
38220	Environmental Controls	1916	1924	1718	425
38230	Process Control Computers	7247	6992	6513	3503
38240	Fluid Meters & Counting Devices	611	611	526	100
38250	Electronic Measurement Equipment	2246	2077	1735	283
38260	Analytical Instruments	415	416	402	44
38270	Optical Instruments & Lenses	1514	1480	1352	564
38290	Measuring & Controlling Devices, nec	3399	3177	2800	452
38320	Optical Instruments	377	331	296	51
38410	Surgical & Medical Instruments	4823	4622	3958	1091
38420	Surgical Appliances & Supplies	3483	3468	3008	586
38430	Dental Equipment & Supplies	1387	1383	1199	735
38440	X-ray Apparatus & Tubes	223	223	187	6
38450	Electromedical Equipment	6546	5199	3801	162
38510	Ophthalmic Goods	921	916	748	89
38610	Photographic Equipment & Supplies	1393	1400	1176	101
38730	Watches, Clocks, Watch Cases & Parts	774	784	688	70
38740	Security Systems	1344	1331	1240	800
38750	Recording Industrial	544	430	170	83
38950	Mathematical Engineering	2032	864	668	200
38999	Analytical Instrumentation	108	107	96	2
		261372	193001	158179	36860

WorkType	Postal	Tel	Fax	Email
Administration Staff	2054	1594	1216	318
Analyst	103	37	21	7
Author/Editor/Publisher	414	390	302	27
Commercial/Bus Develop Manager/Director	2350	2314	2107	640
Communications Director/Manager	527	497	447	68
Company Secretary	1876	1856	1222	166
Computer Analyst	49	36	6	2
Computer Manager/Director	2034	330	80	27
Consultant	880	763	181	127
Customer Relations Mgr	106	106	103	72
DP Manager/Director	1829	625	259	83
Designer	13689	1873	1183	76
Developers	4068	271	68	36
Educator, Lecturer, Reader	1843	608	36	18
Engineer	15688	4743	3361	382
Facilities Manager/Director	73	73	72	18
Finance Dir/Controller	10862	10793	9268	1330
Fleet Manager/Director	475	477	464	114
Fund Manager	52	54	54	8
Health & Safety Officer	197	199	196	31
IS Manager/Director	639	625	532	18
IT Manager/Director	11124	1893	749	162
Import/Export Dir/Mgr	984	950	939	263
Laboratory Manager	594	175	90	9
Laboratory Technician	544	281	213	21
Legal Executives	82	83	80	19
Librarian	1	1	1	1
Logistics/Transport Mgr/Dir	58	58	58	45
Marketing/Sales Dir/Mgr	25081	23048	21175	5179
Network Planners/Integrators	115	110	61	3
Operations Director/Manager	2973	2909	2671	392
Personnel Manager	6497	6399	6093	339
President, Chairman, Dir, Mgr	111279	104705	85334	22940
Product/Brand Manager	88	88	88	72
Production/Works Dir/Mgr	6836	6304	6037	806
Professor	829	925	675	3
Programmer	1099	117	31	12
Projects Manager/Director	479	317	213	81
Purchasing Dir/Mgr	6492	6253	6005	1068
Quality Controller	7198	2741	2091	434
R & D Dir/Mgr	3704	1132	633	236
Researcher	7135	1712	351	126
Scientist	2214	328	174	130
Security Dir/Mgr	2	2	2	2
Senior Executives & Professionals	1830	714	520	40
Services Manager	483	462	409	58
Software Engineer	93	84	40	17
Systems Manager/Engineer	605	525	129	30
Technician, Technical Manager/Director	2565	2307	2028	769
Training Manager	98	98	98	25
Unknown Job Title	473	7	7	1
Web Master	9	9	6	9
	261372	193001	158179	36860

Country**Africa**

	Postal	Tel	Fax	Email
Algeria	12	5	4	0
Angola	3	3	1	0
Ascension Island	0	2	2	0
Benin	0	4	4	0
Botswana	9	9	7	4
Burundi	6	6	5	0
Cameroon	3	8	4	0
Cape Verde	3	3	1	0
Central African Rep	3	6	6	0
Djibouti	2	2	2	0
Egypt	276	224	145	68
Ethiopia	12	9	7	0
Ghana	3	0	0	0
Ivory Coast	7	8	7	0
Kenya	13	9	2	0
Liberia	1	0	0	0
Libya	19	0	0	0
Mauritius	4	3	3	0
Morocco	29	26	22	0
Mozambique	8	8	0	0
Nigeria	29	32	4	0
South Africa	911	465	450	284
Sudan	16	13	7	0
Tanzania	6	3	3	0
Tunisia	37	36	26	0
Uganda	2	1	0	0
Zambia	10	4	4	0
Zimbabwe	6	1	2	0
	1430	890	718	356

Australasia

	Postal	Tel	Fax	Email
Australia	4329	4227	3946	365
Cook Islands	6	6	3	0
Fiji	10	9	8	0
Guam	7	7	7	0
Kiribati	2	2	2	0
New Zealand	326	316	259	40
Papua New Guinea	36	36	7	0
Solomon Islands	4	4	4	0
Tonga	8	8	8	0
Vanuatu	3	3	3	0
Western Samoa	4	4	4	0
	4735	4622	4251	405

Eastern Europe	Postal	Tel	Fax	Email
Albania	6	6	4	0
Armenia	33	31	30	8
Azerbaijan	1	1	0	0
Belarus	73	69	63	59
Bosnia	3	3	3	0
Bulgaria	331	257	191	228
Croatia	1701	1195	940	664
Czech Republic	2298	2110	2084	623
Estonia	428	404	395	396
Georgia	1	0	0	0
Hungary	720	266	256	3
Kazakhstan	6	5	5	2
Kyrgyzstan	29	26	21	0
Latvia	114	101	101	99
Lithuania	160	155	150	2
Macedonia	74	73	69	69
Moldova	8	8	8	5
Poland	2394	2008	1359	22
Romania	193	37	33	10
Russia	336	231	192	93
Slovak Republic	418	392	357	267
Slovenia	795	723	629	136
Turkey	789	337	327	10
Turkmenia	4	4	4	0
Ukraine	21	16	16	2
Uzbekistan	4	2	2	0
Yugoslavia	200	7	5	6
	11140	8467	7244	2704

Far East				
	Postal	Tel	Fax	Email
Bangladesh	30	26	12	0
Bhutan	6	6	1	0
Brunei	21	24	22	0
Cambodia	7	7	7	0
China	2073	1932	1626	214
Hong Kong	1820	1810	1786	401
India	1047	523	464	69
Indonesia	230	227	198	3
Japan	4776	2898	2333	270
Korea	4697	3872	3118	1028
Laos	3	3	3	0
Macau	3	3	3	0
Malaysia	744	622	555	15
Maldives Republic	8	6	6	0
Mongolia	6	6	6	0
Myanmar	10	10	9	0
Nepal	7	7	7	0
Philippines	343	340	301	133
Singapore	330	321	305	78
Sri Lanka	108	100	88	62
Taiwan	3542	2468	2455	629
Thailand	140	138	133	382
Vietnam	27	27	26	5
	19978	15376	13464	3289

Middle East				
	Postal	Tel	Fax	Email
Afghanistan	0	8	0	0
Bahrain	84	83	76	18
Iran	313	143	134	17
Iraq	29	0	0	0
Israel	1083	937	914	268
Jordan	185	172	146	38
Kuwait	301	249	201	35
Lebanon	19	17	16	3
Oman	171	167	154	285
Pakistan	184	97	53	2
Qatar	32	18	15	8
Saudi Arabia	538	429	407	29
Syria	64	47	26	1
United Arab Emirates	1095	1093	1023	781
Yemen	9	7	5	0
	4107	3467	3170	1485

North America				
	Postal	Tel	Fax	Email
Anguilla	3	3	3	0
Antigua & Barbuda	6	6	6	0
Aruba	11	11	11	0
Bahamas	10	10	10	0
Barbados	21	20	20	11
Bermuda	15	12	12	0
Canada	14076	14072	12674	4121
Cayman Islands	9	9	6	3
Curacao	3	3	3	0
Dominica	4	4	4	1
Dominican Republic	20	20	14	0
Grenada	2	2	2	1
Guadeloupe	3	3	2	0
Haiti	2	2	1	0
Jamaica	3	2	2	3
Martinique	2	2	2	0
Montserrat	4	4	4	0
Puerto Rico	98	96	8	12
St Kitts & Nevis	4	4	4	0
St Lucia	4	4	4	0
Trinidad & Tobago	16	16	16	14
USA	59361	56894	48591	2316
	73677	71199	61399	6482

South America				
	Postal	Tel	Fax	Email
Argentina	1021	777	351	24
Belize	6	6	6	1
Bolivia	99	87	68	1
Brazil	2771	2490	1712	477
Chile	397	318	250	27
Colombia	793	717	668	55
Costa Rica	65	60	52	33
Cuba	15	15	9	0
Ecuador	253	237	161	2
El Salvador	84	78	41	9
Falkland Islands	2	2	2	0
French Guiana	1	1	0	0
Guatemala	179	170	97	19
Guyana	12	7	5	0
Honduras	54	43	27	2
Mexico	2356	1984	1218	334
Nicaragua	24	23	22	0
Panama	54	51	40	4
Paraguay	7	7	5	0
Peru	197	151	141	831
Suriname	3	3	3	0
Uruguay	80	57	39	1
Venezuela	410	290	278	63
	8883	7574	5195	1883

Western Europe	Postal	Tel	Fax	Email
Austria	1107	883	720	58
Belgium	3810	1789	1525	302
Cyprus	30	20	16	11
Denmark	952	645	434	212
Finland	768	514	375	133
France	13099	8378	7525	1059
Germany	26087	11112	9078	2287
Greece	417	154	139	3
Iceland	38	22	22	16
Ireland	1323	939	903	640
Italy	6004	2995	2053	179
Liechtenstein	7	2	1	1
Luxembourg	133	111	98	40
Malta	15	5	5	1
Monaco	2	2	2	0
Norway	896	583	434	194
Portugal	853	630	540	6
Spain	3796	2712	2231	153
Sweden	2375	2167	1597	441
Switzerland	1912	965	785	76
The Netherlands	5620	4129	3157	2017
UK	68178	42649	31098	12427
	137422	81406	62738	20256