2020 General Table

Year	Employer Name	ECE	Other	Total
	1 0	H-1B		
		Certified		
2020	QUALCOMM	909	917	1826
2020	APPLE	908	3229	4137
2020	INTEL	600	908	1508
2020	ADVANCED MICRO DEVICES	385	171	556
2020	MICRON TECHNOLOGY	269	320	589
2020	SAMSUNG	189	261	450
2020	NVIDIA CORPORATION	166	378	544
2020	GENERAL MOTORS COMPANY	160	388	548
2020	TEXAS INSTRUMENTS ORPORATED	136	63	199
2020	WESTERN DIGITAL TECHNOLOGIES	133	206	339
2020	MARVELL SEMICONDUCTOR	133	39	172
2020	HCL AMERICA	127	5880	6007
2020	CUMMINS	120	761	881
2020	NXP USA	106	56	162
2020	ARICENT NA	105	38	143
2020	CADENCE DESIGN SYSTEMS	93	147	240
2020	CYPRESS SEMICONDUCTOR CORPORA-	71	29	100
	TION			
2020	T-MOBILE USA	69	563	632
2020	TESLA	68	777	845
2020	META	65	6226	6291
2020	MAXIM INTEGRATED PRODUCTS	64	26	90
2020	XILINX	63	64	127
2020	ARM	62	55	117
2020	SKYWORKS SOLUTIONS	57	20	77
2020	MENTOR GRAPHICS CORPORATION	55	93	148
2020	MICROCHIP TECHNOLOGY	55	68	123
2020	TELECOM TECHNOLOGY SERVICES	54	66	120
2020	ESG AUTOMOTIVE	53	66	119
2020	GLOBALFOUNDRIES US	51	125	176
2020	FORD MOTOR COMPANY	51	315	366
2020	BLACK & VEATCH CORPORATION	49	37	86
2020	CIRRUS LOGIC	48	7	55
2020	SYNOPSYS	47	84	131
2020	SEMICONDUCTOR COMPONENTS IN-	46	61	107
	DUSTRIES			
2020	QORVO US	45	22	67
2020	RIVIAN	45	410	455
2020	MICROSOFT CORPORATION	45	6780	6825
2020	SEL ENGINEERING SERVICES	44	5	49
2020	APTIV CORPORATION	43	117	160
2020	ZF	41	47	88
2020	SIEMENS	41	349	390
2020	MASTEC SERVICES COMPANY	38	20	58
2020	KLA CORPORATION	36	209	245
2020	ALSTOM	36	47	83

2020	JUNIPER NETWORKS	36	255	291
$\frac{2020}{2020}$	DEMATIC CORP	36	39	$\frac{291}{75}$
$\frac{2020}{2020}$	RENESAS ELECTRONICS	36	27	63
$\frac{2020}{2020}$	GLOBAL TECHNOLOGY ASSOCIATES	36	3	39
$\frac{2020}{2020}$	FCA US	36	180	$\frac{39}{216}$
$\frac{2020}{2020}$	NUVIA	36		$\frac{210}{41}$
$\frac{2020}{2020}$	OMNIVISION TECHNOLOGIES	36	5 17	53
$\frac{2020}{2020}$	APPLIED MATERIALS	35	345	$\frac{380}{380}$
	BROADCOM CORPORATION	35		
$\frac{2020}{2020}$	CISCO SYSTEMS	34	$\frac{38}{1247}$	$\frac{73}{1281}$
	L&T TECHNOLOGY SERVICES	34		
2020			463	497
2020	UMLAUT CENERAL ELECTRIC	32	44	76
2020	GENERAL ELECTRIC	32	56	88
2020	LHP SOFTWARE	31	88	119
2020	LSI CORPORATION	31	9	40
2020	ABB	29	58	87
2020	SILICON LABORATORIES	29	27	56
2020	ASML US	29	230	259
2020	HGST	29	59	88
2020	SEAGATE US	29	51	80
2020	ARICENT TECHNOLOGIES (HOLDINGS) LTD	28	131	159
2020	TELNET	28	7	35
$\frac{2020}{2020}$	BURNS & MCDONNELL	27	12	39
$\frac{2020}{2020}$	HERMES MICROVISION	26	69	95
2020	EXIMIUS DESIGN	26	2	28
2020	CATERPILLAR	26	114	140
2020	ATIEVA USA	26	175	201
2020	SCHWEITZER ENGINEERING LABORA-	25	22	47
	TORIES			
2020	KEYSIGHT TECHNOLOGIES	25	99	124
2020	AMPERE COMPUTING	25	6	31
2020	PSEMI CORPORATION	25	9	34
2020	TELEWORLD SOLUTIONS	23	11	34
2020	GOOGLE	23	9167	9190
2020	SYNAPSE DESIGN AUTOMATION	23	1	24
2020	EPITEC	22	337	359
2020	ALTAIR PRODUCTDESIGN	21	183	204
2020	METHODICA TECHNOLOGIES	21	27	48
2020	ANSYS	20	106	126
2020	ROCKWELL AUTOMATION	20	43	63
2020	TSMC TECHNOLOGY	20	5	25
2020	FURTHER ENTERPRISE SOLUTIONS	19	1	20
2020	ERICSSON	19	232	251
2020	THE ALLIANCE FOR SUSTAINABLE EN-	19	56	75
2020	ERGY	10	4	- 22
2020	MOBILECOMM PROFESSIONALS	18	4	22
2020	ROCKWELL COLLINS	18	120	138
2020	AVAGO TECHNOLOGIES US	17	8	25
2020	EATON CORPORATION	17	22	39
2020	ORCHESTRA TECHNOLOGY	17	20	37

2020	MAXLINEAR	17	9	26
2020	STMICROELECTRONICS	17	21	38
2020	NOKIA OF AMERICA CORPORATION	16	87	103
2020	HONEYWELL INTERNATIONAL	16	141	157
2020	INVENSENSE	16	13	29
2020	DIALOG SEMICONDUCTOR	16	8	24
2020	COMPASS	16	5	21
2020	STARKEY LABORATORIES	15	14	29
2020	TEKLABS	15	1	16
2020	KIEWIT ENGINEERING GROUP	15	17	32
2020	POPULUS GROUP	15	1012	1027
2020	INFINERA CORPORATION	15	27	42
2020	HUGHES NETWORK SYSTEMS	15	118	133
2020	INFINEON TECHNOLOGIES	15	15	30
2020	ZOOX	14	92	106
2020	ELECTRIC POWER RESEARCH INSTI-	14	3	17
	TUTE			
2020	MEDIATEK USA	14	13	27
2020	AMAZON	14	11579	11593
2020	VELODYNE LIDAR	14	12	26
2020	SYNAPTICS ORPORATED	14	1	15
2020	CONTINENTAL AUTOMOTIVE SYSTEMS	14	50	64
2020	VEONEER US	14	31	45
2020	DEERE & COMPANY	14	100	114
2020	LAM RESEARCH CORPORATION	13	180	193
2020	MIRAFRA	13	6	19
2020	OPERATION TECHNOLOGY	13	0	13
2020	TECH MAHINDRA (AMERICAS)	13	831	844
2020	INTERTEK TESTING SERVICES NA	13	15	28
2020	MOBIVEIL	13	3	16
2020	HITACHI RAIL STS USA	13	8	21
2020	QUANTA TECHNOLOGY	12	1	13
2020	DC GROUP	12	1	13
2020	INPHI CORPORATION	12	8	20
2020	VALEO NORTH AMERICA	12	38	50
2020	AMDOCS	12	146	158
2020	UCHICAGO ARGONNE	12	65	77
2020	TESSOLVEDTS	12	1	13
2020	WHIROOL CORPORATION	11	92	103
2020	KNOWLES ELECTRONICS	11	7	18
2020	NEXTEER AUTOMOTIVE CORPORA-	11	22	33
_0_0	TION			
2020	SPRINT CORPORATION	11	83	94
2020	SYNAPTICS	11	5	16
2020	CORNING RESEARCH & DEVELOPMENT	11	75	86
3-0	CORPORATION		. •	
2020	CORE TECH INTERNATIONAL CORPO-	11	47	58
3-0	RATION			
2020	INTELLIGRATED SERVICES	11	23	34
2020	ANALOG DEVICES	11	7	18
2020	ZEVA TECHNOLOGY	11	1	12
		-*	-	

2020	ALTEN TECHNOLOGY USA	11	62	73
2020	KIOXIA AMERICA	11	7	18
$\frac{2020}{2020}$	MOTOROLA	11	199	210
2020	COMMONWEALTH EDISON AN EXELON	10	6	16
2020	COMPANY	10	Ü	10
2020	STANTEC CONSULTING SERVICES	10	62	72
$\frac{2020}{2020}$	SUPER MICRO COMPUTER	10	22	32
2020	GCORP INTERNATIONAL	10	0	10
2020	HP	10	165	175
2020	FIVES DYAG CORPORATION	10	4	14
2020	CERIUM SYSTEMS	10	22	32
2020	BYOND	10	3	13
2020	ATRONIX ACQUISITION CORP	10	2	12
$\frac{2020}{2020}$	SCHLUMBERGER TECHNOLOGY COR-	10	193	203
2020	PORATION	10	100	200
2020	MILWAUKEE ELECTRIC TOOL CORPO-	10	12	22
2020	RATION			
2020	SCHNEIDER ELECTRIC	9	22	31
2020	BATTELLE MEMORIAL INSTITUTE	9	180	189
2020	CALIFORNIA INDEPENDENT SYSTEM	9	3	12
_0_0	OPERATOR CORPORATION		J	
2020	ASTERA LABS	9	4	13
2020	ENTERGY SERVICES	9	14	23
2020	MAGNA POWERTRAIN OF AMERICA	9	6	15
2020	GOODIX TECHNOLOGY	9	1	10
2020	WM RICE UNIVERSITY	9	90	99
2020	TMEIC CORPORATION	9	15	24
2020	POWER GRID ENGINEERING	9	1	10
2020	DSI TELECOM	9	2	11
2020	DIGIOIA GRAY & ASSOCIATES	9	1	10
2020	DEHI TECHNOLOGIES SERVICES	9	10	19
2020	ROBERT BOSCH	9	192	201
2020	POWER INTEGRATIONS	9	4	13
2020	HYPERLOOP TECHNOLOGIES	9	22	31
2020	MEDTRONIC	8	267	275
2020	ACUITY BRANDS LIGHTING	8	23	31
2020	SVTRONICS	8	3	11
2020	SIVALTECH	8	0	8
2020	TAE TECHNOLOGIES	8	3	11
2020	YOKOGAWA CORPORATION OF AMER-	8	3	11
	ICA			
2020	ITRON	8	24	32
2020	TRC ENGINEERS	8	3	11
2020	ADI WORLDLINK	8	56	64
2020	MESA ASSOCIATES	8	0	8
2020	FORMFACTOR	8	20	28
2020	GLOBALFOUNDRIES US 2	8	11	19
2020	MERCEDES-BENZ RESEARCH & DEVEL-	8	64	72
	OPMENT NORTH AMERICA			
2020	WSP USA	8	120	128
2020	MC DEAN	8	8	16

		T -		
2020	APPLIED OPTOELECTRONICS	8	5	13
2020	AMERICAN ELECTRIC POWER	8	5	13
2020	PRIMETALS TECHNOLOGIES USA	7	11	18
2020	MANTRA TELECOM	7	0	7
2020	MIDCONTINENT INDEPENDENT SYS-	7	1	8
	TEM OPERATOR			
2020	OPTIMAL CAE	7	36	43
2020	EASI	7	44	51
2020	PARSONS TRANSPORTATION GROUP	7	60	67
2020	AIRSPAN NETWORKS	7	1	8
2020	ARRIS GLOBAL SERVICES	7	28	35
2020	AMBARELLA CORPORATION	7	11	18
2020	UHNDER	7	1	8
2020	JOHN MEZZALINGUA ASSOCIATES	7	1	8
2020	NIKOLA CORPORATION	7	35	42
2020	GTECH	7	13	20
2020	NEW YORK INDEPENDENT SYSTEM OP-	7	5	12
	ERATOR			
2020	I3 INFOTEK	7	70	77
2020	PI SQUARE TECHNOLOGIES	7	9	16
2020	CH2M HILL	7	22	29
2020	CANOO	7	26	33
2020	TE CONNECTIVITY CORPORATION	7	70	77
2020	CORNING OPTICAL COMMUNICATIONS	7	54	61
2020	COMMSCOPE TECHNOLOGIES	7	6	13
2020	ENERSYS DELAWARE	7	2	9
2020	FLEXTRONICS INTERNATIONAL USA	7	83	90
2020	AURIS HEALTH	7	37	44
2020	ALTRAN SOFTWARE US	7	35	42
2020	VOLANSYS	7	4	11
2020	MAGNA ELECTRONICS	7	23	30
2020	MITSUBISHI ELECTRIC POWER PROD-	7	0	7
	UCTS			
2020	AECOM TECHNICAL SERVICES	6	234	240
2020	AFE	6	45	51
2020	TECHNIP USA	6	20	26
2020	AHA-NUMERO TECHNOLOGY SOLU-	6	9	15
	TIONS		*	-
2020	TELEDYNE LECROY	6	6	12
2020	FERMI RESEARCH ALLIANCE	6	49	55
2020	GSPANN TECHNOLOGIES	6	90	96
2020	GLOW NETWORKS	6	8	14
2020	GOPRO	6	17	23
2020	JOHNSON CONTROLS	6	66	72
2020	UNIFIED BUSINESS TECHNOLOGIES	6	6	12
2020	UNIVERSITY OF CALIFORNIA BERKE-	6	176	182
3-0	LEY			<u> </u>
2020	NORTH AMERICAN LIGHTING	6	31	37
2020	NURO	6	49	55
2020	KCM TECHNICAL	6	17	23
2020	CIBER GLOBAL	6	353	359
			303	333

2020	BORN	6	3	9
2020	SHURE ORPORATED	6	14	20
2020	SATYAM-VENTURE ENGINEERING SER-	6	128	134
	VICES PVT LTD			
2020	BENDIX COMMERCIAL VEHICLE SYS-	6	40	46
	TEMS			
2020	DOCOMO PACIFIC	6	4	10
2020	SCIENTIFIC COMPONENTS CORP DBA	6	6	12
	MINI-CIRCUITS			
2020	LANCESOFT	6	42	48
2020	LATITUDE 36	6	74	80
2020	MARELLI AUTOMOTIVE LIGHTING	6	6	12
2020	II-VI ORPORATED	6	8	14
2020	P2S	6	4	10
2020	PERFECTVIPS	6	2	8
2020	TUSIMPLE	6	81	87
2020	ARCADIS US	6	91	97
2020	INTELLIGRATED SYSTEMS	6	5	11
2020	JACOBS ENGINEERING GROUP	6	76	82
2020	WIPRO LIMITED	6	756	762
2020	ALLIANCE FOR SUSTAINABLE ENERGY	5	16	21
2020	ADVANTEST AMERICA	5	19	24
2020	AEVA	5	6	11
2020	ALTRAN ENGINEERING SOLUTIONS	5	14	19
2020	ARUP NORTH AMERICA LTD	5	9	14
2020	VIBRANT SCIENCES	5	5	10
2020	VIRGINIA ELECTRIC AND POWER COM-	5	0	5
	PANY			
2020	VOLT MANAGEMENT CORP	5	21	26
2020	UT-BATTELLE (OAK RIDGE NATIONAL	5	236	241
	LABORATORY)			
2020	ABM CONTROLS	5	2	7
2020	KARMA AUTOMOTIVE	5	27	32
2020	GARMIN INTERNATIONAL	5	68	73
2020	MONOLITHIC POWER SYSTEMS	5	1	6
2020	MOLEX	5	58	63
2020	MOJO SOLUTIONS AND SERVICES MSS	5	1	6
2020	MOTT MACDONALD	5	1	6
2020	MAGIC LEAP	5	93	98
2020	KEEP TRUCKIN	5	37	42
2020	LAMBDANETS	5	55	60
2020	THE TRUSTEES OF PRETON UNIVER-	5	85	90
	SITY			
2020	TRANSPORTATION TECHNOLOGY CEN-	5	5	10
	TER			
2020	PLANTRONICS	5	41	46
2020	SAMBANOVA SYSTEMS	5	26	31
2020	HDR ENGINEERING	5	54	59
2020	HARMAN BECKER AUTOMOTIVE SYS-	5	46	51
	TEMS			

2020	DANA HEAVY VEHICLE SYSTEMS	5	4	9
	GROUP			
2020	DANFOSS	5	22	27
2020	ELECTRIC RELIABILITY COUNCIL OF	5	17	22
	TEXAS			
2020	DISH NETWORK	5	115	120
2020	DANFOSS POWER SOLUTIONS (US)	5	18	23
	COMPANY			
2020	SANESO	5	1	6
2020	CORPORATE EMPLOYMENT RE-	5	82	87
	SOURCES			
2020	CYMER	5	6	11
2020	AUMRAJ	5	0	5
2020	AUTOMATED BUILDING MANAGEMENT	5	0	5
	SYSTEMS			
2020	BYTON NORTH AMERICA CORPORA-	5	5	10
	TION			
2020	SENSATA TECHNOLOGIES	5	6	11
2020	CORNING ORPORATED	5	89	94
2020	SEMTECH CORPORATION	5	6	11
2020	SILANNA SEMICONDUCTOR NORTH	5	0	5
	AMERICA			
2020	SPIRENT COMMUNICATIONS	5	70	75
2020	TATA TECHNOLOGIES	5	124	129
2020	TECHNOLOGY RESOURCE GROUP	5	19	24

2 2021 General Table

Year	Employer Name	ECE	Other	Total
		H-1B		
		Certified		
2021	INTEL	2488	3119	5607
2021	QUALCOMM	1644	1724	3368
2021	APPLE	1479	4813	6292
2021	ADVANCED MICRO DEVICES	524	227	751
2021	MICRON TECHNOLOGY	398	549	947
2021	NVIDIA CORPORATION	350	596	946
2021	GENERAL MOTORS COMPANY	326	627	953
2021	WESTERN DIGITAL TECHNOLOGIES	311	486	797
2021	MICROSOFT CORPORATION	259	10586	10845
2021	CUMMINS	219	1110	1329
2021	MARVELL SEMICONDUCTOR	215	70	285
2021	SAMSUNG	199	332	531
2021	TEXAS INSTRUMENTS ORPORATED	182	99	281
2021	META	163	8350	8513
2021	TESLA	137	1307	1444
2021	T-MOBILE USA	135	781	916
2021	QORVO US	121	40	161
2021	SIEMENS	117	449	566
2021	ANALOG DEVICES	113	52	165

2021	XILINX	112	94	206
2021	NXP USA	108	54	162
2021	CADENCE DESIGN SYSTEMS	107	316	423
2021	SKYWORKS SOLUTIONS	102	52	154
2021	FORD MOTOR COMPANY	95	890	985
2021	TELECOM TECHNOLOGY SERVICES	95	18	113
2021	ARM	94	73	167
2021	MAXIM INTEGRATED PRODUCTS	90	35	125
2021	HCL AMERICA	85	4611	4696
2021	SYNOPSYS	81	240	321
2021	APTIV CORPORATION	80	221	301
2021	BROADCOM CORPORATION	80	76	156
2021	MICROCHIP TECHNOLOGY	79	86	165
2021	RIVIAN	78	985	1063
2021	SYNAPSE DESIGN AUTOMATION	78	0	78
2021	SEL ENGINEERING SERVICES	76	11	87
2021	RENESAS ELECTRONICS	71	34	105
2021	BLACK & VEATCH CORPORATION	69	56	125
2021	AMPERE COMPUTING	66	13	79
2021	ABB	65	82	147
2021	BURNS & MCDONNELL	64	32	96
2021	GENERAL ELECTRIC	64	68	132
2021	CATERPILLAR	63	284	347
2021	ZF	61	68	129
2021	INTELLIGRATED SERVICES	60	53	113
2021	CIRRUS LOGIC	59	17	76
2021	AMAZON	57	13799	13856
2021	DISH WIRELESS	56	22	78
2021	CISCO SYSTEMS	55	2739	2794
2021	MAXLINEAR	54	19	73
2021	FCA US	53	275	328
2021	DIALOG SEMICONDUCTOR	52	6	58
2021	PSEMI CORPORATION	51	15	66
2021	LUCID USA	50	340	390
2021	SEAGATE US	45	78	123
2021	DEERE & COMPANY	44	132	176
2021	SCHWEITZER ENGINEERING LABORA-	43	34	77
	TORIES			
2021	KEYSIGHT TECHNOLOGIES	43	101	144
2021	EATON CORPORATION	42	49	91
2021	OMNIVISION TECHNOLOGIES	42	17	59
2021	GOOGLE	41	15476	15517
2021	MILWAUKEE ELECTRIC TOOL CORPO-	41	81	122
	RATION			
2021	JUNIPER NETWORKS	41	529	570
2021	APPLIED MATERIALS	41	534	575
2021	SEMICONDUCTOR COMPONENTS IN-	40	80	120
	DUSTRIES			
2021	INFINEON TECHNOLOGIES	36	28	64
2021	ARICENT NA	36	99	135
_2021	TELEWORLD SOLUTIONS	36	18	54

2021 MASTA ELECTRONICS 32 93 125	2021	KLA CORPORATION	35	202	237
2021 MAGNA ELECTRONICS 32 93 125 2021 TSMC TECHNOLOGY 31 2 33 2021 CYPRESS SEMICONDUCTOR CORPORA-				-	
2021					
CYPRESS SEMICONDUCTOR CORPORA- TION					
TION					
MASTEC SERVICES COMPANY 30	2021		31	24	99
2021 AMBARELLA CORP 28	2021		30	7	37
2021 GLOBALFOUNDRIES US 28 267 295 2021 DEMATIC CORP 27 86 113 2021 ALLIANCE FOR SUSTAINABLE ENERGY 26 68 94 2021 UMLAUT 26 47 73 2021 MATERIAL HANDLING SYSTEMS 26 14 40 2021 ALTEN TECHNOLOGY USA 25 78 103 2021 ANSYS 25 126 151 2021 LHP ENGINEERING SOLUTIONS 25 29 54 2021 SYNAPTICS 25 10 35 2021 SYNAPTICS 25 10 35 2021 AURIS HEALTH 22 25 147 2021 AURIS HEALTH 22 125 147 2021 AURIS HEALTH 22 125 147 2021 ASMIL US 222 261 283 2021 SAMIL US 222 261 283 2021 SAMIL US 222 261 283 2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 2021 LAM RESEARCH CORPORATION 19 294 313 2021 ANDOLITHIC POWER SYSTEMS 19 0 19 2021 LAM RESEARCH CORPORATION 19 294 313 2021 ANDOLITHIC POWER SYSTEMS 19 0 19 2021 EURITHER ENTERPRISE SOLUTIONS 19 145 164 2021 LAM RESEARCH CORPORATION 19 294 313 2021 ANDOLITHIC POWER SYSTEMS 19 0 19 2021 LAM RESEARCH CORPORATION 19 294 313 2021 AEVA 19 19 38 2021 SELICON LABORATORIES 19 47 66 2021 SELICON LABORATORIES 18 161 179 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 WOLLEX 38 39 107 2021 TITERDIGITAL COMMUNICATIONS 18 144 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 CROSTANEIRS 10 10 10 2021 SCHNEIDER ELECTRIC 17 62 79 2021 CONSTANCENTE 27 20 20 20					
2021 ERICSSON 28 267 295 2021 DEMATIC CORP 27 86 113 2021 ALLIANCE FOR SUSTAINABLE ENERGY 26 68 94 2021 UMLAUT 26 47 73 2021 MATERIAL HANDLING SYSTEMS 26 14 40 2021 ALTEN TECHNOLOGY USA 25 78 103 2021 ANSYS 25 126 151 2021 LIHP ENGINEERING SOLUTIONS 25 29 54 2021 MEDIATEK USA 25 18 43 2021 SYNAPTICS 25 10 35 2021 SURJALUS 23 97 120 2021 ADIOCK 23 97 120 2021 ASML			28		
DEMATIC CORP 27		ERICSSON	28		295
2021 ALLIANCE FOR SUSTAINABLE ENERGY 26					
2021 UMLAUT 26 47 73 2021 MATERIAL HANDLING SYSTEMS 26 14 40 2021 ALTEN TECHNOLOGY USA 25 78 103 2021 ANSYS 25 126 151 2021 LHP ENGINEERING SOLUTIONS 25 29 54 2021 MEDIATEK USA 25 18 43 2021 SYNAPTICS 25 10 35 2021 CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION 24 10 34 2021 ADI WORLDLINK 23 97 120 2021 AURIS HEALTH 22 125 147 2021 AURIS HEALTH 22 125 147 2021 BERMES MICROVISION 22 73 95 2021 HERMES MICROVISION 22 73 95 2021 ASML US 22 261 283 2021 ASML US 22 261 283			26		94
2021 MATERIAL HANDLING SYSTEMS 26 14 40 2021 ALTEN TECHNOLOGY USA 25 78 103 2021 ALTEN TECHNOLOGY USA 25 78 103 2021 LHP ENGINEERING SOLUTIONS 25 126 151 2021 LHP ENGINEERING SOLUTIONS 25 18 43 2021 MEDIATEK USA 25 18 43 2021 SYNAPTICS 25 10 35 2021 CALIFORNIA INDEPENDENT SYSTEM 24 10 34 OPERATOR CORPORATION 23 97 120 2021 ADI WORLDLINK 23 97 120 2021 AURIS HEALTH 22 125 147 2021 HERMES MICROVISION 22 73 95 2021 HERMES MICROVISION 22 261 283 2021 ASML US 22 261 283 2021 STARKEY LABORATORIES 22 19 41 </td <td></td> <td>UMLAUT</td> <td></td> <td></td> <td></td>		UMLAUT			
2021 ALTEN TECHNOLOGY USA 25 78 103		MATERIAL HANDLING SYSTEMS		14	
2021 ANSYS 25			25	78	103
2021 LHP ENGINEERING SOLUTIONS 25 29 54 2021 MEDIATEK USA 25 18 43 2021 SYNAPTICS 25 10 35 2021 CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION 24 10 34 2021 ADI WORLDLINK 23 97 120 2021 AURIS HEALTH 22 125 147 2021 HERMES MICROVISION 22 73 95 2021 STARKEY LABORATORIES 22 19 41 2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021					
2021 MEDIATEK USA 25 18 43 2021 SYNAPTICS 25 10 35 2021 CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION 24 10 34 2021 ADI WORLDLINK 23 97 120 2021 AURIS HEALTH 22 125 147 2021 HERMES MICROVISION 22 73 95 2021 STARKEY LABORATORIES 22 19 41 2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021 AMDOCS 21 790 811 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 TEKLABS 19 145 164 LTD		LHP ENGINEERING SOLUTIONS			
2021 SYNAPTICS 25 10 35 2021 CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION 24 10 34 2021 ADI WORLDLINK 23 97 120 2021 AURIS HEALTH 22 125 147 2021 HERMES MICROVISION 22 73 95 2021 STARKEY LABORATORIES 22 19 41 2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LTD LTD 1 20 20 438 431 2021 FURTHER ENTERPRISE SOLUTIONS 19 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
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2021 AURIS HEALTH 22 125 147 2021 HERMES MICROVISION 22 73 95 2021 STARKEY LABORATORIES 22 19 41 2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 TEKLABS 19 6 25 2021 TEKLABS 19 145 164 LTD LTD 19 145 164 LTD LTD 19 1 20 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 WIPRO VLSI DESIGN SER	2021		23	97	120
2021 HERMES MICROVISION 22 73 95 2021 STARKEY LABORATORIES 22 19 41 2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 TEKLABS 19 6 25 2021 TEKLABS 19 145 164 LTD LTD 19 145 164 LTD LTD 19 1 20 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 SILICON L					
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2021 ASML US 22 261 283 2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LTD LTD 1 20 20 43 63 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164					41
2021 AMDOCS 21 156 177 2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LTD LTD 1 20 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2					
2021 POPULUS GROUP 21 790 811 2021 INTELLIGRATED SYSTEMS 20 43 63 2021 MEDTRONIC 20 458 478 2021 TEKLABS 19 6 25 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LTD LTD 1 20 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34					
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2021 TEKLABS 19 6 25 2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LTD LTD 1 20 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 INTERDIGITAL COMMUNICATIONS 18 14 32	2021	INTELLIGRATED SYSTEMS	20	43	63
2021 ARICENT TECHNOLOGIES (HOLDINGS) 19 145 164 LITD 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC	2021	MEDTRONIC	20	458	478
LTD 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 <td>2021</td> <td>TEKLABS</td> <td>19</td> <td>6</td> <td>25</td>	2021	TEKLABS	19	6	25
LTD 2021 FURTHER ENTERPRISE SOLUTIONS 19 1 20 2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 <td>2021</td> <td>ARICENT TECHNOLOGIES (HOLDINGS)</td> <td>19</td> <td>145</td> <td>164</td>	2021	ARICENT TECHNOLOGIES (HOLDINGS)	19	145	164
2021 LAM RESEARCH CORPORATION 19 294 313 2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101 <td></td> <td>LTD</td> <td></td> <td></td> <td></td>		LTD			
2021 MONOLITHIC POWER SYSTEMS 19 0 19 2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	FURTHER ENTERPRISE SOLUTIONS	19	1	20
2021 WIPRO VLSI DESIGN SERVICES 19 17 36 2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	LAM RESEARCH CORPORATION	19	294	313
2021 AEVA 19 19 38 2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	MONOLITHIC POWER SYSTEMS	19	0	19
2021 SILICON LABORATORIES 19 47 66 2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	WIPRO VLSI DESIGN SERVICES	19	17	36
2021 BATTELLE MEMORIAL INSTITUTE 19 202 221 2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	AEVA	19	19	38
2021 CANOO 18 161 179 2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	SILICON LABORATORIES	19	47	66
2021 AVAGO TECHNOLOGIES US 18 16 34 2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	BATTELLE MEMORIAL INSTITUTE	19	202	221
2021 ZOOX 18 157 175 2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	CANOO	18	161	179
2021 CONTINENTAL AUTOMOTIVE SYSTEMS 18 92 110 2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	AVAGO TECHNOLOGIES US	18	16	34
2021 MOLEX 18 89 107 2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	ZOOX	18	157	175
2021 INTERDIGITAL COMMUNICATIONS 18 14 32 2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	CONTINENTAL AUTOMOTIVE SYSTEMS	18	92	110
2021 ORCHESTRA TECHNOLOGY 17 16 33 2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	MOLEX	18	89	107
2021 SCHNEIDER ELECTRIC 17 62 79 2021 ARGO AI 16 85 101	2021	INTERDIGITAL COMMUNICATIONS	18	14	32
2021 ARGO AI 16 85 101	2021	ORCHESTRA TECHNOLOGY	17	16	33
	2021	SCHNEIDER ELECTRIC	17	62	79
2021 KIEWIT ENGINEERING GROUP 16 30 46	2021	ARGO AI	16	85	101
	2021	KIEWIT ENGINEERING GROUP	16	30	46

2021	AHA-NUMERO TECHNOLOGY SOLU-	16	6	22
	TIONS			
2021	AUTOMATED BUILDING MANAGEMENT	16	6	22
-	SYSTEMS			
2021	CRUISE	16	254	270
2021	ROCKWELL AUTOMATION	16	61	77
2021	UT-BATTELLE (OAK RIDGE NATIONAL	16	282	298
	LABORATORY)			
2021	POWER GRID ENGINEERING	15	0	15
2021	SATYAM-VENTURE ENGINEERING SER-	15	100	115
	VICES PVT LTD			
2021	STMICROELECTRONICS	15	14	29
2021	AUTOMOTIVE ROBOTICS	15	17	32
2021	LER TECHFORCE	15	99	114
2021	MOTT MACDONALD	15	1	16
2021	VALEO NORTH AMERICA	15	42	57
2021	HONEYWELL INTERNATIONAL	15	232	247
2021	VANDERLANDE INDUSTRIES	14	14	28
2021	AMERICAN ELECTRIC POWER	14	3	17
2021	POLARIS INDUSTRIES	14	39	53
2021	QUANTA TECHNOLOGY	14	4	18
2021	ESG AUTOMOTIVE	14	32	46
2021	EPITEC	14	294	308
2021	SUPER MICRO COMPUTER	14	15	29
2021	AY DEE KAY	14	0	14
2021	ACUITY BRANDS LIGHTING	13	31	44
2021	TUSIMPLE	13	286	299
2021	ELECTRIC POWER RESEARCH INSTI-	13	4	17
	TUTE	10	_	
2021	DELART TECHNOLOGY SERVICES	13	7	20
2021	DISH NETWORK	13	187	200
2021	DEHI TECHNOLOGIES SERVICES	13	17	30
2021	MOBILECOMM PROFESSIONALS	13	5	18
2021	MOBIVEIL	13	1	14
2021	MOTOROLA	13	218	231
2021	COMMSCOPE TECHNOLOGIES	13	16	29
2021	INVENSENSE	13	20	33
2021	ITRON COMMUNICATIONS TEST DESIGN	13	41	54
$\frac{2021}{2021}$	MIRAFRA	12	38	50
	LEIDOS ENGINEERING	12	1	13
$\frac{2021}{2021}$	JOHNSON CONTROLS	12	115	$\frac{16}{127}$
$\frac{2021}{2021}$	L&T TECHNOLOGY SERVICES	12	115	$\frac{127}{252}$
$\frac{2021}{2021}$	VITESCO TECHNOLOGIES USA	12	240 31	$\frac{232}{43}$
$\frac{2021}{2021}$	HUGHES NETWORK SYSTEMS	12	214	$\frac{43}{226}$
$\frac{2021}{2021}$	INTERTEK TESTING SERVICES NA	12	13	$\frac{220}{25}$
$\frac{2021}{2021}$	ALTAIR PRODUCTDESIGN	12	129	$\frac{25}{141}$
$\frac{2021}{2021}$	CORE TECH INTERNATIONAL CORPO-	12	80	$\frac{141}{92}$
2021	RATION	14	00	34
2021	HALLIBURTON ENERGY SERVICES	12	101	113
$\frac{2021}{2021}$	ENTERGY SERVICES	12	5	17
	21.121001 021011020	- -	,	

		1		
2021	PI SQUARE TECHNOLOGIES	12	24	36
2021	BORGWARNER	12	28	40
2021	NEW YORK INDEPENDENT SYSTEM OP-	12	17	29
	ERATOR			
2021	COMPASS	12	87	99
2021	ALSTOM	12	19	31
2021	AES CLEAN ENERGY SERVICES	12	9	21
2021	LSI CORPORATION	11	10	21
2021	MOJO SOLUTIONS AND SERVICES MSS	11	0	11
2021	EXIMIUS DESIGN	11	10	21
2021	OPEN SYSTEMS INTERNATIONAL	11	9	20
2021	SK HYNIX	11	11	22
2021	COMMONWEALTH EDISON AN EXELON	11	1	12
	COMPANY			
2021	NOKIA OF AMERICA CORPORATION	11	71	82
2021	INFINERA CORPORATION	11	51	62
2021	K&A ENGINEERING CONSULTING PC	11	1	12
2021	ROHDE & SCHWARZ USA	11	12	23
2021	WHIROOL CORPORATION	10	116	126
2021	AMERICAN AXLE & MANUFACTURING	10	35	45
2021	HITACHI RAIL STS USA	10	10	20
2021	VEONEER US	10	39	49
2021	PRIMETALS TECHNOLOGIES USA	10	18	28
2021	YOKOGAWA CORPORATION OF AMER-	10	4	14
	ICA			
2021	BYOND	10	14	24
2021	EN ENGINEERING	10	0	10
2021	MANTRA TELECOM	10	1	11
2021	GLOBALFOUNDRIES US 2	10	2	12
2021	P2S	10	3	13
2021	COTMAC ELECTRONICS	10	1	11
2021	FII USA	9	34	43
2021	NEXIUS SOLUTIONS	9	3	12
2021	GEORGIA INSTITUTE OF TECHNOLOGY	9	134	143
2021	TE CONNECTIVITY CORPORATION	9	84	93
2021	OPTIMAL	9	15	24
2021	FARADAY & FUTURE	9	46	55
2021	ZEKU	9	4	13
2021	FAKOURI ELECTRICAL ENGINEERING	9	0	9
2021	LATITUDE 36	9	68	77
2021	VERVEBA TELECOM	8	2	10
2021	DC GROUP	8	31	39
2021	NURO	8	149	157
2021	NIKOLA CORPORATION	8	79	87
2021	NEXTEER AUTOMOTIVE CORPORA-	8	21	29
y	TION		_	-
2021	NAVISTAR	8	24	32
2021	FLUENCE ENERGY	8	22	30
2021	LUTRON ELECTRONICS CO	8	29	37
2021	MC DEAN	8	12	20
2021	ROCKWELL COLLINS	8	207	215

2021	CARESOFT GLOBAL	8	36	44
2021	KULICKE AND SOFFA INDUSTRIES	8	20	28
2021	JOHN MEZZALINGUA ASSOCIATES	8	18	26
2021	IOWA STATE UNIVERSITY OF SCIENCE	8	143	151
	AND TECHNOLOGY			
2021	INDEPTH ENGINEERING SOLUTIONS	8	21	29
2021	APPLIED OPTOELECTRONICS	8	8	16
2021	EDP RENEWABLES NORTH AMERICA	8	17	25
2021	PARSONS TRANSPORTATION GROUP	8	65	73
2021	POWER INTEGRATIONS	8	6	14
2021	PENTANGLE TECH SERVICES	8	7	15
2021	SMITH & NEPHEW	7	93	100
2021	ST JUDE MEDICAL CARDIOLOGY DIVI-	7	120	127
	SION			
2021	MESA ASSOCIATES	7	1	8
2021	GROQ	7	13	20
2021	CORNELL UNIVERSITY	7	211	218
2021	TENSTORRENT USA	7	31	38
2021	TELNET	7	0	7
2021	TEC GROUP	7	13	20
2021	STANFORD UNIVERSITY/SLAC NA-	7	75	82
	TIONAL ACCELERATOR LABORATORY			
2021	MELLANOX TECHNOLOGIES	7	25	32
2021	MITSUBISHI ELECTRIC POWER PROD-	7	1	8
	UCTS			
2021	ON COMPUTER SERVICES	7	0	7
2021	MOSCHIP TECHNOLOGIES USA	7	0	7
2021	AHA AND OMEGA SEMICONDUCTOR	7	1	8
	ORPORATED			
2021	HYPERLOOP TECHNOLOGIES	7	16	23
2021	UL	7	36	43
2021	APEX CLEAN ENERGY	7	3	10
2021	VIEWRAY TECHNOLOGIES	7	2	9
2021	HP	7	197	204
2021	ALCON RESEARCH	7	77	84
2021	UNIVERSITY OF COLORADO	7	147	154
2021	RGB SYSTEMS	7	49	56
2021	ADVANTEST AMERICA	7	19	26
2021	SCHLUMBERGER TECHNOLOGY COR-	7	132	139
	PORATION			
2021	AECOM TECHNICAL SERVICES	6	198	204
2021	THE FLORIDA STATE UNIVERSITY	6	53	59
2021	CH2M HILL	6	16	22
2021	BAYER US	6	125	131
2021	TSMC ARIZONA CORPORATION	6	29	35
2021	MANDO AMERICA CORPORATION	6	29	35
2021	XCOM LABS	6	9	15
2021	ZEBRA TECHNOLOGIES CORPORATION	6	109	115
2021	VELODYNE LIDAR	6	27	33
2021	UNITED SORTATION SOLUTIONS	6	1	7
2021	ARRIVER SOFTWARE	6	14	20
		l		

2021	WSP USA	6	131	137
$\frac{2021}{2021}$	WOOD GROUP USA	6	19	$\frac{157}{25}$
$\frac{2021}{2021}$	XDIN	6	10	$\frac{26}{16}$
$\frac{2021}{2021}$	INTERNATIONAL BUSINESS MACHINES	6	3018	3024
2021	CORPORATION		3010	3024
2021	ZEVA TECHNOLOGY	6	1	7
$\frac{2021}{2021}$	LEAR CORPORATION	6	35	41
$\frac{2021}{2021}$	JOBY AERO	6	44	50
$\frac{2021}{2021}$	JACOBS ENGINEERING GROUP	6	87	93
$\frac{2021}{2021}$	KIOXIA AMERICA	6	4	10
$\frac{2021}{2021}$	UCHICAGO ARGONNE	6	112	118
$\frac{2021}{2021}$	ROBERT BOSCH	6	228	$\frac{110}{234}$
$\frac{2021}{2021}$	DELTA ELECTRONICS (AMERICAS) LTD	6	1	$\frac{201}{7}$
$\frac{2021}{2021}$	ELECTRIC POWER SYSTEMS INTERNA-	6	2	8
2021	TIONAL			0
2021	DIGIOIA GRAY & ASSOCIATES	6	1	7
$\frac{2021}{2021}$	ASTERA LABS	6	1	. 7
2021	ATLAS WIRELESS AND TELECOMMUNI-	6	1	 7
	CATIONS		-	•
2021	SITIME CORPORATION	6	9	15
2021	DANFOSS	6	21	27
2021	HDR ENGINEERING	6	94	100
2021	GOODMAN MANUFACTURING COM-	6	39	45
	PANY LP			
2021	GTECH	6	7	13
2021	GUAM ADVANCE ENTERPRISES	6	12	18
2021	NEXTGEN GLOBAL RESOURCES	6	6	12
2021	MICRON SEMICONDUCTOR PRODUCTS	6	7	13
2021	NORTH AMERICAN LIGHTING	6	47	53
2021	MAGNA POWERTRAIN OF AMERICA	6	18	24
2021	BLOOM ENERGY CORPORATION	6	26	32
2021	ENGINEERING WIRELESS SERVICES	6	0	6
2021	MARELLI NORTH AMERICA	6	16	22
2021	HARMAN BECKER AUTOMOTIVE SYS-	6	37	43
	TEMS			
2021	ASM AMERICA	6	59	65
2021	ULKASEMI	5	0	5
2021	INDUS USA	5	62	67
2021	INTERNASH GLOBAL SERVICES	5	1	6
2021	HEXEL WORKS	5	0	5
2021	ANOKIWAVE	5	1	6
2021	AMERICLOUD SOLUTIONS	5	41	46
2021	VOLKSWAGEN GROUP OF AMERICA	5	41	46
2021	WM RICE UNIVERSITY	5	107	112
2021	WESTWOOD PROFESSIONAL SERVICES	5	7	12
2021	WAYMO	5	505	510
2021	ZENITH ELECTRONICS	5	3	8
2021	LORDSTOWN MOTORS CORP	5	48	53
2021	LIGHTFOOT TECHNOLOGIES	5	0	5
2021	JR AUTOMATION TECHNOLOGIES	5	9	14
_2021	HITACHI ENERGY USA	5	1	6

2021	HORKUS SOLUTIONS	5	40	45
2021	ADVANCED ENERGY INDUSTRIES	5	15	20
2021	HATCH ASSOCIATES CONSULTANTS	5	5	10
2021	FLEXTRONICS INTERNATIONAL USA	5	58	63
2021	COVIDIEN	5	131	136
2021	CREE	5	13	18
2021	CORDOBA CORP	5	7	12
2021	HELLA ELECTRONICS CORPORATION	5	20	25
2021	MATTSON TECHNOLOGY	5	2	7
2021	DIDI RESEARCH AMERICA	5	70	75
2021	DELL PRODUCTS LP	5	237	242
2021	ELECTRIC POWER GROUP	5	1	6
2021	AUTOMATION SYSTEMS & DESIGN	5	1	6
2021	AURORA INNOVATION	5	59	64
2021	SCIENTIFIC COMPONENTS CORP DBA	5	5	10
	MINI-CIRCUITS			
2021	RWE RENEWABLES SERVICES	5	9	14
2021	EASI	5	52	57
2021	AVNERA CORPORATION	5	2	7
2021	BAXALTA US	5	3	8
2021	BLACK CONSTRUCTION CORPORA-	5	8	13
	TION			
2021	CB&I	5	26	31
2021	TECTUS CORPORATION	5	1	6
2021	SYSERCO	5	4	9
2021	TAAL TECHNOLOGIES	5	21	26
2021	STARTECH NETWORKS	5	1	6
2021	TECHNIP USA	5	29	34
2021	THE CURATORS OF THE UNIVERSITY	5	13	18
	OF MISSOURI/MISSOURI UNIVERSITY			
	OF SCIENCE AND TECHNOLOGY			
2021	THE UNIVERSITY OF TENNESSEE	5	68	73

3 2022 General Table

Year	Employer Name	ECE	Other	Total
		H-1B		
		Certified		
2022	INTEL	1963	2987	4950
2022	QUALCOMM	1719	2172	3891
2022	APPLE	1011	4887	5898
2022	ADVANCED MICRO DEVICES	460	223	683
2022	MICROSOFT CORPORATION	306	10849	11155
2022	WESTERN DIGITAL TECHNOLOGIES	246	318	564
2022	MICRON TECHNOLOGY	224	373	597
2022	GENERAL MOTORS COMPANY	211	476	687
2022	NVIDIA CORPORATION	199	623	822
2022	MARVELL SEMICONDUCTOR	141	52	193
2022	NXP USA	136	62	198
2022	SAMSUNG	134	347	481

2022 TESLA 121 1153 1274 2022 ANALOG DEVICES 108 37 145 145 2022 TEXAS INSTRUMENTS ORPORATED 105 82 187 2022 HCL AMERICA 102 3920 4022 2022 CUMMINS 100 831 931 2022 ACCENTURE 99 2959 3058 2022 FCA US 95 311 406 406 2022 ARM 94 36 130 2022 ARM 94 36 130 2022 FORD MOTOR COMPANY 80 714 794 2022 TORD MOTOR COMPANY 80 714 794 2022 XILINX 80 72 152 2022 CISCO SYSTEMS 77 257 334 2022 CISCO SYSTEMS 77 257 334 2022 CIRCUS LOGIC 67 21 88 2022 BACK & VEATCH CORPORATION 66 32 98 2022 BEMENS 64 387 451 2022 TIMBUL USA 63 3751 814 2022 TIMBUL USA 63 3751 814 2022 TIMBUL USA 62 589 651 2022 GENERAL ELECTRIC 61 64 125 2022 AMAZON 50 16702 16752 2022 AMAZON 50 16702 16752 2022 AMAZON 50 16702 16752 2022 AMAZON 48 182 230 2022 CATERPILLAR 46 345 391 391 391 391 391 392 392 392 392 392 392 392 392 392 393 393 393 393 394 393 394 393 394 393 394 393 394	2022	META PLATFORMS	124	6618	6742
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2022 AMPERE COMPUTING 32 16 48 2022 MIRAFRA 31 0 31 2022 MILWAUKEE ELECTRIC TOOL CORPO- RATION 31 82 113 2022 EATON CORPORATION 30 36 66 2022 MAXLINEAR 30 14 44	2022	RIVOS	32	2	34
2022 AMPERE COMPUTING 32 16 48 2022 MIRAFRA 31 0 31 2022 MILWAUKEE ELECTRIC TOOL CORPO- RATION 31 82 113 2022 EATON CORPORATION 30 36 66 2022 MAXLINEAR 30 14 44	2022	ZF	32	47	79
2022 MILWAUKEE ELECTRIC TOOL CORPORATION 31 82 113 2022 EATON CORPORATION 30 36 66 2022 MAXLINEAR 30 14 44		AMPERE COMPUTING	32	16	48
2022 MILWAUKEE ELECTRIC TOOL CORPORATION 31 82 113 2022 EATON CORPORATION 30 36 66 2022 MAXLINEAR 30 14 44	2022	MIRAFRA	31	0	31
2022 EATON CORPORATION 30 36 66 2022 MAXLINEAR 30 14 44	2022	MILWAUKEE ELECTRIC TOOL CORPO-	31	82	
2022 MAXLINEAR 30 14 44		RATION			
	2022	EATON CORPORATION	30	36	66
2022 INFINEON TECHNOLOGIES 29 15 44	2022		30	14	44
	2022	INFINEON TECHNOLOGIES	29	15	44

2022	DEERE & COMPANY	29	237	266
2022	PSEMI CORPORATION	28	6	34
2022	ERICSSON	28	272	300
2022	GLOBAL TECHNOLOGY ASSOCIATES	28	7	35
2022	MAGNA ELECTRONICS	27	90	117
2022	GLOBALFOUNDRIES US	26	76	102
2022	WIPRO VLSI DESIGN SERVICES	26	21	47
2022	SCHWEITZER ENGINEERING LABORA-	26	34	60
	TORIES			
2022	BORGWARNER	26	116	142
2022	ASML US	26	464	490
2022	ORCHESTRA TECHNOLOGY	24	30	54
2022	ZOOX	24	215	239
2022	ABB	24	28	52
2022	OMNIVISION TECHNOLOGIES	24	20	44
2022	HITACHI ENERGY USA	23	35	58
2022	ASTERA LABS	22	4	26
2022	SEAGATE US	22	49	71
2022	SEMICONDUCTOR COMPONENTS IN-	22	80	102
2022	DUSTRIES			102
2022	DIALOG SEMICONDUCTOR	22	1	23
$\frac{2022}{2022}$	BATTELLE MEMORIAL INSTITUTE	21	197	218
$\frac{2022}{2022}$	DELART TECHNOLOGY SERVICES	21	22	43
$\frac{2022}{2022}$	APPLIED MATERIALS	21	379	400
$\frac{2022}{2022}$	LUCID USA	21	349	370
$\frac{2022}{2022}$	ZEVA TECHNOLOGY	20	2	$\frac{310}{22}$
$\frac{2022}{2022}$	TELEWORLD SOLUTIONS	20	5	$\frac{22}{25}$
$\frac{2022}{2022}$	AHA-NUMERO TECHNOLOGY SOLU-	20	5	$\frac{25}{25}$
2022	TIONS	20		20
2022	QUANTA TECHNOLOGY	19	1	20
$\frac{2022}{2022}$	KEYSIGHT TECHNOLOGIES	19	89	108
$\frac{2022}{2022}$	MATERIAL HANDLING SYSTEMS	18	12	30
$\frac{2022}{2022}$	AUTOMATED BUILDING MANAGEMENT	18	3	$\frac{30}{21}$
2022	SYSTEMS	10	5	21
2022	PI SQUARE TECHNOLOGIES	17	18	35
$\frac{2022}{2022}$	TEKLABS	17	21	$\frac{38}{38}$
$\frac{2022}{2022}$	JUNIPER NETWORKS	17	435	$\frac{36}{452}$
$\frac{2022}{2022}$	ADVANTEST AMERICA	17	18	$\frac{-402}{35}$
$\frac{2022}{2022}$	MITSUBISHI ELECTRIC POWER PROD-	17	7	$\frac{35}{24}$
2022	UCTS UCTS	11	'	24
2022	MOTOROLA	16	200	216
$\frac{2022}{2022}$	VEONEER US	16	51	$\frac{210}{67}$
$\frac{2022}{2022}$	KIEWIT ENGINEERING GROUP	16	29	45
$\frac{2022}{2022}$	SYNAPTICS	16	7	23
$\frac{2022}{2022}$	FARADAY & FUTURE	16	178	$\frac{25}{194}$
$\frac{2022}{2022}$	MASTEC SERVICES COMPANY	16	14	$\frac{194}{30}$
$\frac{2022}{2022}$	AVAGO TECHNOLOGIES US	16	7	$\frac{30}{23}$
$\frac{2022}{2022}$	SILICON LABORATORIES	15	33	$\frac{23}{48}$
$\frac{2022}{2022}$	AUTOMOTIVE ROBOTICS	15	27	$\frac{48}{42}$
$\frac{2022}{2022}$	MOBILECOMM PROFESSIONALS	15	0	$\frac{42}{15}$
$\frac{2022}{2022}$	OPEN SYSTEMS INTERNATIONAL	15		$\frac{15}{26}$
	OT EN SISTEMS INTERNATIONAL	10	11	

2022	CRUISE	15	231	246
2022	HUGHES NETWORK SYSTEMS	15	138	153
2022	TSMC TECHNOLOGY	15	2	17
2022	HERMES MICROVISION	15	113	128
2022	AMERICLOUD TELECOM SOLUTIONS	15	3	18
2022	ADI WORLDLINK	15	46	61
2022	LITEPOINT CORPORATION	14	0	14
2022	SK HYNIX	14	69	83
2022	STANFORD UNIVERSITY/SLAC NA-	14	52	66
	TIONAL ACCELERATOR LABORATORY			
2022	MIDCONTINENT INDEPENDENT SYS-	14	1	15
	TEM OPERATOR			
2022	JACOBS ENGINEERING GROUP	14	101	115
2022	WSP USA	13	191	204
2022	WHIROOL CORPORATION	13	141	154
2022	INTELLIGRATED SYSTEMS	13	22	35
2022	AMERICAN AXLE & MANUFACTURING	12	32	44
2022	UNIVERSITY OF COLORADO	12	186	198
2022	MESA ASSOCIATES	12	2	14
2022	FERMI RESEARCH ALLIANCE	12	104	116
2022	LSI CORPORATION	12	5	17
2022	LHP ENGINEERING SOLUTIONS	12	5	17
2022	HONDA DEVELOPMENT & MANUFAC-	12	41	53
	TURING OF AMERICA			
2022	LAM RESEARCH CORPORATION	12	157	169
2022	ITRON	12	47	59
2022	CALIFORNIA INDEPENDENT SYSTEM	12	12	24
	OPERATOR CORPORATION			
2022	DC GROUP	12	12	24
2022	ANSYS	11	130	141
2022	ASM AMERICA	11	90	101
_2022	AEVA	11	23	34
2022	POPULUS GROUP	11	354	365
2022	CANOO	11	111	122
2022	ZEF SCIENTIFIC	11	1	12
2022	CORE TECH INTERNATIONAL CORPO-	11	53	64
	RATION			
2022	MONOLITHIC POWER SYSTEMS	11	1	12
2022	MOJO SOLUTIONS AND SERVICES MSS	11	4	15
2022	ACTALENT SERVICES	10	34	44
2022	HDR ENGINEERING	10	79	89
2022	HONEYWELL INTERNATIONAL	10	182	192
2022	NEXTGEN GLOBAL RESOURCES	10	10	20
2022	CHARGEPOINT	10	26	36
2022	NEW YORK INDEPENDENT SYSTEM OP-	10	4	14
	ERATOR		4.00	44.
2022	NURO	9	102	111
2022	ELECTRIC POWER RESEARCH INSTI-	9	10	19
2000	TUTE		6	10
_2022	POWER INTEGRATIONS	9	3	12

0000	CODE RECH CONCEDITORION CODDO		0.0	100
2022	CORE TECH CONSTRUCTION CORPO-	9	93	102
2022	RATION			2.4
2022	COMMUNICATIONS TEST DESIGN	9	25	34
2022	MAYO CLINIC	9	508	517
2022	VITESCO TECHNOLOGIES USA	9	24	33
2022	ENTERGY SERVICES	9	14	23
2022	FURTHER	9	3	12
2022	MEDTRONIC	9	408	417
2022	HITACHI RAIL STS USA	9	6	15
2022	VERVEBA TELECOM	9	1	10
2022	AMBARELLA CORP	9	9	18
2022	STARKEY LABORATORIES	9	14	23
2022	STANTEC CONSULTING SERVICES	9	75	84
2022	PENSANDO SYSTEMS	9	56	65
2022	PERFECTVIPS	9	0	9
2022	TUSIMPLE	9	214	223
2022	ARRIVER SOFTWARE	8	13	21
2022	AMERICAN ELECTRIC POWER	8	20	28
2022	INVENSENSE	8	6	14
2022	OPERATION TECHNOLOGY	8	3	11
2022	LEIDOS ENGINEERING	8	4	12
2022	UMLAUT	8	13	21
2022	APEX CLEAN ENERGY	8	12	20
2022	RWE RENEWABLES SERVICES	8	13	21
2022	COMMONWEALTH EDISON AN EXELON	8	2	10
	COMPANY			-
2022	ROCKLEY PHOTONICS	8	10	18
2022	DEMATIC CORP	8	81	89
2022	UT-BATTELLE (OAK RIDGE NATIONAL	7	310	317
	LABORATORY)			
2022	ALSTOM	7	15	22
2022	TARANA WIRELESS	7	13	20
2022	WOLFSPEED	7	7	14
2022	ACHRONIX SEMICONDUCTOR CORPO-	7	5	12
	RATION		Ů	
2022	ROBERT BOSCH	7	177	184
2022	SCHLUMBERGER TECHNOLOGY COR-	7	135	142
-0	PORATION		100	
2022	POWER GRID ENGINEERING	7	0	7
2022	DTE ELECTRIC COMPANY	7	1	8
2022	MC DEAN	7	11	18
2022	LER TECHFORCE	7	65	72
2022	HTN WIRELESS	7	0	7
2022	HALLIBURTON ENERGY SERVICES	7	58	65
$\frac{2022}{2022}$	TE CONNECTIVITY CORPORATION	7	103	110
$\frac{2022}{2022}$	TESSOLVEDTS	7	100	8
$\frac{2022}{2022}$	II-VI ORPORATED	7	8	15
$\frac{2022}{2022}$	YUPANA	6	1	$\frac{13}{7}$
$\frac{2022}{2022}$	ADEPT CHIP TECHNOLOGIES	6	1	7
$\frac{2022}{2022}$	SVTRONICS	6	3	9
$\frac{2022}{2022}$	SAMBANOVA SYSTEMS	6	28	$\frac{9}{34}$
	DIMIDANO VA DIBIEMO	U	20	94

2022 STEM	2022	CONTINENTAL AUTOMOTIVE SYSTEMS	6	43	49
Dec			-		
The University of Southern California					
FORNIA 2022 ARTERIS 6 2 8 8 8 8 2022 ALTEN TECHNOLOGY USA 6 35 41 2022 AECOM TECHNICAL SERVICES 6 241 247 2022 THE UNIVERSITY OF VIRGINIA 6 259 265 2022 UHNDER 6 9 15 2022 REGAL RENNORD CORPORATION 6 29 35 2022 GOODIX TECHNOLOGY 6 1 7 7 7 7 7 7 7 7 7					
2022 ARTERIS	2022			209	240
ALTEN TECHNOLOGY USA	2022		6	2	
December December					
THE UNIVERSITY OF VIRGINIA					
2022 UHNDER					
December 2022 REGAL REXNORD CORPORATION 6					
2022 GOODIX TECHNOLOGY					
2022 DNV ENERGY USA					
2022 ENFABRICA CORPORATION 6					
2022 ENERSYS DELAWARE 6					
2022 INTUITIVE SURGICAL OPERATIONS 6 81 87					
2022 JOHNSON CONTROLS 6					
2022 VIRGINIA POLYTECHNIC INSTITUTE & 6 185 191					
STATE UNIVERSITY					
2022 FII USA 6 36 42 2022 FURTHER ENTERPRISE SOLUTIONS 6 1 7 2022 AVNERA CORPORATION 6 1 7 2022 MOBIS NORTH AMERICA 6 8 14 2022 PENTANGLE TECH SERVICES 6 13 19 2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOL- 6 83 89 OGY/JET PROPULSION LABORATORY 6 83 89 2022 BLACK CONSTRUCTION CORPORA- TION 6 36 42 2022 BLACK CONSTRUCTION CORPORA- TION 6 14 20 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 FORMFACTOR 6 14 20 2022 PEXTRONICS INTERNATIONAL USA 6 78 84 2022 FLEX TRONICS INTERNATIONAL USA 5	2022			109	131
2022 FURTHER ENTERPRISE SOLUTIONS 6 1 7 2022 AVNERA CORPORATION 6 1 7 2022 MOBIS NORTH AMERICA 6 8 14 2022 PENTANGLE TECH SERVICES 6 13 19 2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 83 89 OGY/JET PROPULSION LABORATORY 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FLEX LOGIX TECHNOLOGIES 6 15 21 2022 FLEX TRONICS INTERNATIONA	2022	32 3 33	6	36	42
2022 AVNERA CORPORATION 6 1 7 2022 MOBIS NORTH AMERICA 6 8 14 2022 PENTANGLE TECH SERVICES 6 13 19 2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 36 42 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS </td <td></td> <td></td> <td>-</td> <td></td> <td></td>			-		
2022 MOBIS NORTH AMERICA 6 8 14 2022 PENTANGLE TECH SERVICES 6 13 19 2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 83 89 OGY/JET PROPULSION LABORATORY 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 TION 6 36 42 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 ADVANSOFT INTERNATIONAL 5 37 42					
2022 PENTANGLE TECH SERVICES 6 13 19 2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGIES 6 83 89 0GY/JET PROPULSION LABORATORY 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 2022 GLOBALFOUNDRIES US 2 6 6 14 20 2022 FORMFACTOR 6 14 20 20 2022 FORMFACTOR 6 14 20 2022 FLEX LOGIX TECHNOLOGIES 6 15 21 20 22 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 VARIAN MEDICAL SYSTEMS					
2022 COMMSCOPE TECHNOLOGIES 6 12 18 2022 CALIFORNIA INSTITUTE OF TECHNOLOGY 6 83 89 OGY/JET PROPULSION LABORATORY 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 2022 BLACK CONSTRUCTION CORPORATION 6 6 12 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022					
2022 CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LABORATORY 6 83 89 2022 BLACK CONSTRUCTION CORPORATION 6 36 42 TION 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VARIAN MEDICAL SYSTEMS 5 5 10 2022 TRACKONOMY SYSTEMS 5 5 10 2022 TRACKONOMY SYSTEMS 5 5 7 12 202					
OGY/JET PROPULSION LABORATORY 2022 BLACK CONSTRUCTION CORPORA- 100N 6 36 42 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 <td></td> <td></td> <td></td> <td></td> <td></td>					
2022 BLACK CONSTRUCTION CORPORA- 17ION 36 42 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE 5 7 12	-0				
TION 2022 GLOBALFOUNDRIES US 2 6 6 12 2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 7<	2022	,	6	36	42
2022 FORMFACTOR 6 14 20 2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7					
2022 MELLANOX TECHNOLOGIES 6 15 21 2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 7 12 PARTS MANUFACTURING CORP 5 8 13 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022	2022	GLOBALFOUNDRIES US 2	6	6	12
2022 FLEX LOGIX TECHNOLOGIES 6 5 11 2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 8 13 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5	2022	FORMFACTOR	6	14	20
2022 FLEXTRONICS INTERNATIONAL USA 6 78 84 2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5<	2022	MELLANOX TECHNOLOGIES	6	15	21
2022 LUMENTUM OPERATIONS 6 24 30 2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE 5 7 12 PARTS MANUFACTURING CORP 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5 10	2022	FLEX LOGIX TECHNOLOGIES	6	5	11
2022 AIC INTERNATIONAL 5 15 20 2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE FARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5 10	2022	FLEXTRONICS INTERNATIONAL USA	6	78	84
2022 ADVANSOFT INTERNATIONAL 5 37 42 2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE DARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5 10	2022	LUMENTUM OPERATIONS	6	24	30
2022 ADVANCED ENERGY INDUSTRIES 5 13 18 2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5 10	2022	AIC INTERNATIONAL	5	15	20
2022 AMBIQ MICRO 5 8 13 2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE FARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5	2022	ADVANSOFT INTERNATIONAL	5	37	42
2022 VARIAN MEDICAL SYSTEMS 5 103 108 2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE FARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5 10	2022	ADVANCED ENERGY INDUSTRIES	5	13	18
2022 VALEO NORTH AMERICA 5 47 52 2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5	2022	AMBIQ MICRO	5	8	13
2022 TRACKONOMY SYSTEMS 5 5 10 2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 5	2022	VARIAN MEDICAL SYSTEMS	5	103	108
2022 AURORA INNOVATION 5 80 85 2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 10	2022	VALEO NORTH AMERICA	5	47	52
2022 VEDANTA TELECOM 5 2 7 2022 HUF NORTH AMERICA AUTOMOTIVE 5 7 12 7 12 PARTS MANUFACTURING CORP 5 8 13 2022 IGNITARIUM 5 7 12 5 7 12 2022 KIOXIA AMERICA 5 7 12 5 5 10	2022	TRACKONOMY SYSTEMS	5	5	10
2022 HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP 5 7 12 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 10	2022	AURORA INNOVATION	5	80	85
PARTS MANUFACTURING CORP 2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 10	2022	VEDANTA TELECOM	5	2	7
2022 IGNITARIUM 5 8 13 2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 10	2022	HUF NORTH AMERICA AUTOMOTIVE	5	7	12
2022 KIOXIA AMERICA 5 7 12 2022 EVS 5 5 10		PARTS MANUFACTURING CORP			
2022 EVS 5 5 10	2022	IGNITARIUM	5	8	13
	2022	KIOXIA AMERICA	5	7	12
2022 EPITEC 5 291 296	2022			5	10
	2022	EPITEC	5	291	296

2022 2022 2022	DUKE UNIVERSITY AND HEALTH SYSTEM	5	11	16
2022			l	
2022				
	DEXTERITY	5	20	25
	DELL PRODUCTS LP	5	220	225
2022	MASSACHUSETTS INSTITUTE OF TECH-	5	49	54
	NOLOGY			<u> </u>
2022	HP	5	177	182
2022	WARTSILA NORTH AMERICA	5	1	6
2022	INVENCES	5	34	39
2022	INTERDIGITAL COMMUNICATIONS	5	3	8
2022	INFINERA CORPORATION	5	42	47
2022	INNOPHASE	5	1	6
2022	JMP SOLUTIONS	5	1	6
2022	K&A ENGINEERING CONSULTING PC	5	3	8
2022	KINDEN CORPORATION	5	0	5
2022	MOBIVEIL	5	2	7
2022	BURNS ENGINEERING	5	0	5
2022	AXIADO CORPORATION	5	4	9
2022	PROCTEK TEXAS	5	0	5
2022	NAVISTAR	5	25	30
2022	NEXTEER AUTOMOTIVE CORPORA-	5	36	41
	TION			ı
2022	NIKOLA CORPORATION	5	102	107
2022	OM TECHNOLOGIES	5	9	14
2022	PARSONS TRANSPORTATION GROUP	5	26	31
2022	SIVALTECH	5	0	5
2022	SCIENTIFIC COMPONENTS CORP DBA	5	4	9
	MINI-CIRCUITS			1
2022	ROLLS-ROYCE SOLUTIONS AMERICA	5	12	17
2022	SCALEFLUX	5	4	9
2022	STARTECH NETWORKS	5	0	5
2022	ST JUDE MEDICAL CARDIOLOGY DIVI-	5	78	83
	SION			1
2022	WOOD GROUP USA	5	11	16
2022	A123 SYSTEMS	5	13	18

4 2023 General Table

Year	Employer Name	ECE	Other	Total
		H-1B		
		Certified		
2023	QUALCOMM	1451	1504	2955
2023	INTEL	1096	1689	2785
2023	APPLE	597	2204	2801
2023	ADVANCED MICRO DEVICES	318	160	478
2023	NVIDIA CORPORATION	222	549	771
2023	SAMSUNG	130	380	510
2023	WESTERN DIGITAL TECHNOLOGIES	121	272	393
2023	GENERAL MOTORS COMPANY	109	252	361
2023	MICRON TECHNOLOGY	109	119	228

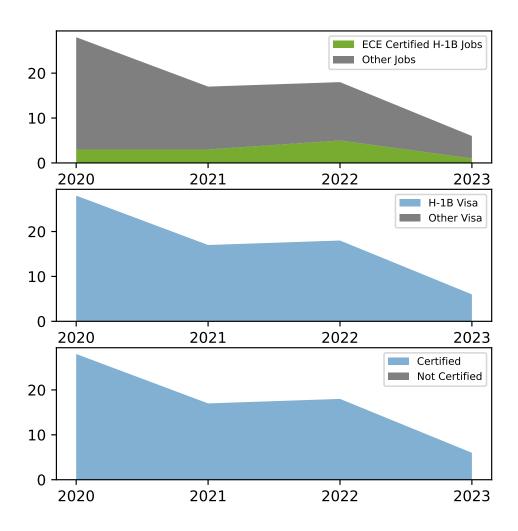
2002	VII INV	100	7.1	171
2023	XILINX TENA C INCEDIMENTE OPPODATED	100	74	174
2023	TEXAS INSTRUMENTS ORPORATED	99	45	144
2023	MICROSOFT CORPORATION	96	5923	6019
2023	CUMMINS	96	610	706
2023	ANALOG DEVICES	94	64	158
2023	MARVELL SEMICONDUCTOR	94	27	121
2023	NXP USA	92	53	145
2023	ARM	87	57	144
2023	HCL AMERICA	82	3079	3161
2023	TESLA	69	1065	1134
2023	CADENCE DESIGN SYSTEMS	65	192	257
2023	BURNS & MCDONNELL	55	38	93
2023	MIRAFRA	53	1	54
2023	FORD MOTOR COMPANY	53	520	573
2023	META PLATFORMS	51	2958	3009
2023	MICROCHIP TECHNOLOGY	51	68	119
2023	BLACK & VEATCH CORPORATION	50	40	90
2023	GOOGLE	49	8137	8186
2023	CIRRUS LOGIC	47	13	60
2023	L&T TECHNOLOGY SERVICES	47	658	705
2023	RENESAS ELECTRONICS	43	16	59
2023	SEL ENGINEERING SERVICES	43	10	53
2023	SYNOPSYS	43	83	126
2023	GENERAL ELECTRIC	42	118	160
2023	RIVIAN	40	569	609
2023	SIEMENS	40	281	321
2023	BROADCOM CORPORATION	38	19	57
2023	MEDIATEK USA	38	25	63
2023	MAXIM INTEGRATED PRODUCTS	37	22	59
2023	FCA US	37	154	191
2023	SKYWORKS SOLUTIONS	36	29	65
2023	AMPERE COMPUTING	35	20	55
2023	APTIV CORPORATION	34	106	140
2023	DEERE & COMPANY	34	95	129
2023	DISH WIRELESS	34	136	170
2023	NOKIA OF AMERICA CORPORATION	32	193	225
2023	CISCO SYSTEMS	29	792	821
2023	EATON CORPORATION	28	39	67
2023	CATERPILLAR	28	171	199
2023	BORGWARNER	28	98	126
2023	LUCID USA	28	307	335
2023	ASML US	27	477	504
2023	MASTEC SERVICES COMPANY	26	15	41
2023	ARRIVER SOFTWARE	26	23	49
2023	CYPRESS SEMICONDUCTOR CORPORA-	25	21	46
	TION			
2023	SCHWEITZER ENGINEERING LABORA-	25	17	42
	TORIES			
2023	MAXLINEAR	23	9	32
2023	CAPGEMINI AMERICA	23	2961	2984
2023	T-MOBILE USA	22	354	376

2023	TELEWORLD SOLUTIONS	22	2	24
2023	SCHNEIDER ELECTRIC	22	91	113
2023	MOJO SOLUTIONS AND SERVICES MSS	21	26	47
2023	HITACHI ENERGY USA	21	27	48
2023	MILWAUKEE ELECTRIC TOOL CORPO-	20	42	62
	RATION			
2023	RIVOS	20	4	24
2023	TELECOM TECHNOLOGY SERVICES	19	19	38
2023	TSMC TECHNOLOGY	19	7	26
2023	ALLIANCE FOR SUSTAINABLE ENERGY	19	72	91
2023	ZF	18	37	55
2023	JUNIPER NETWORKS	18	291	309
2023	QORVO US	18	11	29
2023	TEKLABS	18	25	43
2023	GLOBALFOUNDRIES US	18	52	70
2023	WIPRO VLSI DESIGN SERVICES	18	9	27
2023	SILICON LABORATORIES	18	16	34
2023	ROBERT BOSCH	17	147	164
2023	ANSYS	17	84	101
2023	HITACHI RAIL STS USA	15	13	28
2023	OMNIVISION TECHNOLOGIES	15	5	20
2023	MONOLITHIC POWER SYSTEMS	15	0	15
2023	SK HYNIX	15	42	57
2023	FURTHER	15	1	16
2023	HERMES MICROVISION	15	75	90
2023	GLOBAL TECHNOLOGY ASSOCIATES	15	6	21
2023	PSEMI CORPORATION	14	9	23
2023	NEW YORK INDEPENDENT SYSTEM OP-	14	9	23
	ERATOR			
2023	HONEYWELL INTERNATIONAL	14	96	110
2023	HUGHES NETWORK SYSTEMS	14	111	125
2023	ABB	14	35	49
2023	OPEN SYSTEMS INTERNATIONAL	14	9	23
2023	MACOM TECHNOLOGY SOLUTIONS	13	1	14
2023	ZOOX	13	158	171
2023	FORMFACTOR	13	15	28
2023	APPLIED MATERIALS	13	267	280
2023	LAM RESEARCH CORPORATION	13	130	143
2023	KLA CORPORATION	13	77	90
2023	WIPRO LIMITED	13	2554	2567
2023	CNH INDUSTRIAL AMERICA	13	56	69
2023	AVAGO TECHNOLOGIES US	13	3	16
2023	UT-BATTELLE (OAK RIDGE NATIONAL	12	175	187
3-0	LABORATORY)			
2023	SEAGATE US	12	39	51
2023	OPERATION TECHNOLOGY	12	2	14
2023	DC GROUP	11	0	11
2023	BATTELLE MEMORIAL INSTITUTE	11	130	141
$\frac{2023}{2023}$	SEMICONDUCTOR COMPONENTS IN-	11	59	70
	DUSTRIES			
2023	TE CONNECTIVITY CORPORATION	11	74	85
		<u> </u>		

2023	TARANA WIRELESS	11	8	19
2023	DEMATIC CORP	11	44	55
2023	CALSOFT LABS	10	16	26
2023	BITSILICA	10	0	10
2023	ASM AMERICA	10	111	121
2023	ACHRONIX SEMICONDUCTOR CORPO-	10	1	11
	RATION			
2023	TECH MAHINDRA (AMERICAS)	10	1200	1210
2023	INTELLIGRATED SYSTEMS	10	19	29
2023	EPITEC	10	169	179
2023	INTELLIGRATED SERVICES	10	22	32
2023	SYNAPTICS	9	7	16
2023	HP	9	175	184
2023	HONDA DEVELOPMENT & MANUFAC-	9	24	33
	TURING OF AMERICA			
2023	CONTINENTAL AUTOMOTIVE SYSTEMS	9	29	38
2023	GULFSTREAM AEROSPACE CORPORA-	9	46	55
	TION			
2023	AES CLEAN ENERGY SERVICES	9	8	17
2023	ACCENTURE	9	2822	2831
2023	FIVES DYAG CORPORATION	9	0	9
2023	CYIENT	9	39	48
2023	KEYSIGHT TECHNOLOGIES	9	97	106
2023	WOLFSPEED	9	14	23
2023	DELART TECHNOLOGY SERVICES	9	10	19
2023	ADVANTEST AMERICA	9	22	31
2023	MC DEAN	9	13	22
2023	TRC ENGINEERS	8	0	8
2023	STARTECH NETWORKS	8	1	9
2023	MOTOROLA	8	142	150
2023	MOLEX	8	60	68
$\frac{2023}{2023}$	SUNLUNE CORPORATION	8	0	8
$\frac{2023}{2023}$	NEXTGEN GLOBAL RESOURCES	8	6	14
$\frac{2023}{2023}$	ITRON	8	25	33
$\frac{2023}{2023}$	LSI CORPORATION	8	6	14
$\frac{2023}{2023}$	NEW YORK POWER AUTHORITY	8	13	21
$\frac{2023}{2023}$	LEIDOS ENGINEERING	8	9	17
$\frac{2023}{2023}$	DOOSAN UKUDU POWER	8	3	11
$\frac{2023}{2023}$	INTUITIVE SURGICAL OPERATIONS	8	135	143
$\frac{2023}{2023}$	AEVA	8	7	15
$\frac{2023}{2023}$	ASTERA LABS	8	0	8
$\frac{2023}{2023}$	ALTEN TECHNOLOGY USA	8	42	50
$\frac{2023}{2023}$	COMMSCOPE TECHNOLOGIES	7	9	16
$\frac{2023}{2023}$	INTERDIGITAL COMMUNICATIONS	7	0	7
$\frac{2023}{2023}$	AMAZON	7	10610	10617
$\frac{2023}{2023}$	AMBIQ MICRO	7	1	8
$\frac{2023}{2023}$	INFINEON TECHNOLOGIES	7	18	25
$\frac{2023}{2023}$	ATLANTA TRADING & ENGINEERING	7	2	9
2020	CONSULTING CONSULTING	'		9
2023	THE LELAND STANFORD JR UNIVER-	7	393	400
2020	SITY	'	999	100
	N111			

2023	ZEF SCIENTIFIC	7	5	12
2023	UCHICAGO ARGONNE	7	92	99
2023	TERADYNE	7	8	15
2023	WSP USA	7	120	127
2023	TUSIMPLE	7	206	213
2023	MITSUBISHI ELECTRIC POWER PROD-	7	1	8
	UCTS			
2023	KIEWIT ENGINEERING GROUP	7	40	47
2023	QUANTA TECHNOLOGY	7	5	12
2023	QUALITY DESIGN SERVICES	7	1	8
2023	PANASONIC CORPORATION OF NORTH	7	30	37
2020	AMERICA (PNA)	•	00	01
2023	JACOBS ENGINEERING GROUP	7	101	108
$\frac{2023}{2023}$	TENSTORRENT USA	7	101	17
$\frac{2023}{2023}$	THE TRUSTEES OF PRETON UNIVER-	7	215	222
2020	SITY	'	210	222
2023	SUPER MICRO COMPUTER	7	17	24
$\frac{2023}{2023}$	STANLEY BLACK & DECKER	7	29	$\frac{24}{36}$
$\frac{2023}{2023}$	VIRGINIA POLYTECHNIC INSTITUTE &	7	101	108
2023	STATE UNIVERSITY	1	101	108
2023	INFINERA CORPORATION	7	16	23
$\frac{2023}{2023}$	ERICSSON	6	124	$\frac{23}{130}$
$\frac{2023}{2023}$	EMB ELECTRICAL	6		
	BROOKHAVEN NATIONAL LABORA-	6	0	6
2023		ο	80	86
2000	TORY WSP USA BUILDINGS	0	01	
2023		6	21	27
2023	VALEO NORTH AMERICA	6	49	55
2023	VITESCO TECHNOLOGIES USA	6	11	17
2023	VICOR CORPORATION	6	4	10
2023	ZEKU	6	2	8
2023	UNIFIED BUSINESS TECHNOLOGIES	6	5	11
2023	ULKASEMI	6	0	6
2023	STANTEC CONSULTING SERVICES	6	84	90
2023	LITEPOINT CORPORATION	6	3	9
2023	SCHLUMBERGER TECHNOLOGY COR-	6	108	114
	PORATION			
2023	AMERICAN AXLE & MANUFACTURING	6	25	31
2023	COMMONWEALTH EDISON AN EXELON	6	5	11
	COMPANY			
2023	LAWRENCE BERKELEY NATIONAL LAB-	6	137	143
	ORATORY			
2023	MOTIONAL AD	6	77	83
2023	POLYPHASE SYSTEM	6	5	11
2023	LHP ENGINEERING SOLUTIONS	6	2	8
2023	BLOOM ENERGY CORPORATION	6	24	30
2023	AYAAN DBA GBS WIRELESS	6	1	7
2023	ALLEGRO MICROSYSTEMS	6	2	8
2023	ENPHASE ENERGY	6	16	22
2023	CARESOFT GLOBAL TECHNOLOGIES	6	99	105
2023	ELECTRIC RELIABILITY COUNCIL OF	6	9	15
	TEXAS			
	l	1		

2023	ARUP US	6	43	49
2023	ADI WORLDLINK	5	67	72
2023	ADVANCED ENERGY INDUSTRIES	5	10	15
2023	AMERICAN ELECTRIC POWER	5	15	20
2023	CHIPONTIME TECHNOLOGIES USA	5	7	12
2023	CRUISE	5	193	198
2023	ENTERGY SERVICES	5	17	22
2023	EMC2 ELECTRICAL	5	0	5
2023	BANNER ENGINEERING CORP	5	4	9
2023	CALIFORNIA INDEPENDENT SYSTEM	5	6	11
2020	OPERATOR CORPORATION			
2023	INVENSENSE	5	3	8
2023	INFONERO	5	17	22
2023	INTEGER TELECOM SERVICES	5	1	6
2023	I MACHINES	5	1	6
2023	INABIA SOFTWARE AND CONSULTING	5	9	14
2023	HARMAN BECKER AUTOMOTIVE SYS-	5	33	38
	TEMS			-
2023	HECATE ENERGY	5	0	5
2023	HL MANDO AMERICA CORPORATION	5	23	28
2023	CORE TECH CONSTRUCTION CORPO-	5	79	84
	RATION			
2023	EINFOCHIPS	5	13	18
2023	MAGNA ELECTRONICS	5	46	51
2023	MOBIVEIL	5	1	6
2023	NAVISTAR	5	28	33
2023	KOHLER COMPANY	5	31	36
2023	NTESS	5	48	53
2023	NIDEC MOBILITY AMERICA CORPORA-	5	9	14
	TION			
2023	RAMBUS	5	2	7
2023	QUALUS	5	2	7
2023	PROCTEK TEXAS	5	0	5
2023	POWER INTEGRATIONS	5	1	6
2023	POPULUS GROUP	5	239	244
2023	PI SQUARE TECHNOLOGIES	5	22	27
2023	SHURE ORPORATED	5	16	21
2023	SEQUANS COMMUNICATIONS	5	0	5
2023	STRYKER CORPORATION	5	36	41
2023	SONNEN	5	2	7
2023	SUPERNAL	5	9	14
2023	SIVALTECH	5	1	6
2023	SAMBANOVA SYSTEMS	5	31	36
2023	TRINITY CONSULTANTS	5	14	19
2023	WHIROOL CORPORATION	5	30	$\frac{15}{35}$
	VIRGINIA ELECTRIC AND POWER COM-	5	2	7
2023	VIRGINIA ELECTRIC AND POMER COM=	1 ()		



- 5 A123 SYSTEMS:
- **6** ABB:
- 7 ABM CONTROLS:
- 8 ACCENTURE:
- 9 ACHRONIX SEMICONDUCTOR CORPORATION:

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- 10 ACTALENT SERVICES:
- 11 ACUITY BRANDS LIGHTING:
- 12 ADEPT CHIP TECHNOLOGIES:
- 13 ADI WORLDLINK:
- 14 ADVANCED ENERGY INDUSTRIES:

