<table>
<thead>
<tr>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advantest 72</td>
</tr>
<tr>
<td>Alco 101</td>
</tr>
<tr>
<td>AMD 14, 66, 70</td>
</tr>
<tr>
<td>Apple 24</td>
</tr>
<tr>
<td>Applied Materials 72</td>
</tr>
<tr>
<td>Arima 131</td>
</tr>
<tr>
<td>Arrow Electronics 16, 80</td>
</tr>
<tr>
<td>ASML 72</td>
</tr>
<tr>
<td>Asustek Computer 21, 130, 131, 139</td>
</tr>
<tr>
<td>Avnet 16, 80, 82</td>
</tr>
<tr>
<td>Bell Microproducts 16, 80</td>
</tr>
<tr>
<td>Benchmark 18</td>
</tr>
<tr>
<td>Beyonics 101</td>
</tr>
<tr>
<td>Broadcom 66</td>
</tr>
<tr>
<td>Cal Comp Electronics 21, 139</td>
</tr>
<tr>
<td>Celestica 18</td>
</tr>
<tr>
<td>Changhong 53</td>
</tr>
<tr>
<td>Chartered 66</td>
</tr>
<tr>
<td>Compal Electronics 21, 130, 131, 139</td>
</tr>
<tr>
<td>component distributor 15, 63, 80, 82</td>
</tr>
<tr>
<td>sales by area 82</td>
</tr>
<tr>
<td>component supplier 63</td>
</tr>
<tr>
<td>fabless 17</td>
</tr>
<tr>
<td>contract manufacturing 32, 45</td>
</tr>
<tr>
<td>corporate life cycle 4</td>
</tr>
<tr>
<td>cross-fertilization 10, 119</td>
</tr>
<tr>
<td>CTS 101</td>
</tr>
<tr>
<td>Dainippon Screen Manufacturing 72</td>
</tr>
<tr>
<td>DDI 101</td>
</tr>
<tr>
<td>Dell 24</td>
</tr>
<tr>
<td>design for manufacturability 47, 92, 123, 206, 243</td>
</tr>
<tr>
<td>design for quality 47, 92, 123</td>
</tr>
<tr>
<td>design for supply chain 222</td>
</tr>
<tr>
<td>design for testability 92, 123</td>
</tr>
<tr>
<td>Design Outsourcing 211</td>
</tr>
<tr>
<td>DFM see also design for manufacturability</td>
</tr>
<tr>
<td>DFQ see also design for quality</td>
</tr>
<tr>
<td>DFSC see also design for supply chain</td>
</tr>
<tr>
<td>DFT see also design for testability distribution channels 78</td>
</tr>
<tr>
<td>Elcoteq 18</td>
</tr>
<tr>
<td>electronic component 11</td>
</tr>
<tr>
<td>active component 13, 63</td>
</tr>
<tr>
<td>discrete 64</td>
</tr>
<tr>
<td>integrated circuit 64</td>
</tr>
<tr>
<td>passive component 13, 63</td>
</tr>
<tr>
<td>plant 72</td>
</tr>
<tr>
<td>sales 67</td>
</tr>
<tr>
<td>semiconductor 63</td>
</tr>
<tr>
<td>silicon wafer 64</td>
</tr>
<tr>
<td>silicon-foudnyrd 17</td>
</tr>
<tr>
<td>supplier 11</td>
</tr>
<tr>
<td>wafer 63</td>
</tr>
<tr>
<td>electronic technology 1</td>
</tr>
<tr>
<td>electronics industry</td>
</tr>
<tr>
<td>supply chain 91</td>
</tr>
<tr>
<td>electronics manufacturing services see also EMS</td>
</tr>
<tr>
<td>electronics outsourcing 2, 10</td>
</tr>
<tr>
<td>automotive 48</td>
</tr>
<tr>
<td>convergence Top Class</td>
</tr>
<tr>
<td>EMS/ODM 230, 237</td>
</tr>
<tr>
<td>evolution 43</td>
</tr>
<tr>
<td>industry life cycle 183</td>
</tr>
<tr>
<td>stealth manufacturing 18</td>
</tr>
<tr>
<td>electronics supply chain 11</td>
</tr>
<tr>
<td>Elitegroup Computer 21, 131, 139</td>
</tr>
<tr>
<td>embedded electronics 11</td>
</tr>
<tr>
<td>EMS 11, 16, 45, 46, 91</td>
</tr>
<tr>
<td>after-sales service 93</td>
</tr>
<tr>
<td>cross-fertilization 92, 119</td>
</tr>
</tbody>
</table>
facts and figures 94
geographical areas 98
Global Class EMS 100, 113, 152,
166, 195, 203, 238
Local Class EMS 103, 203, 239
main EMS 18
main Global Class EMS 101
procurement 93
prototype design 92
system assembly 93
testing 93
Top Class EMS 100, 149, 189,
203
Eutron 113, 123
industrial manufacturing 115
Joint Design Manufacturing 122
R&D 114

fabless 65
Flextronics 18, 169, 170
Flextronics-Solectron 155
Foxconn 18, 95, 103, 131
Freescale 66
Freescale Semiconductor 70
Future Electronics 16, 80
global electronics outsourcing
China 53
East Europe 58
India 55
South-East Asia 57
global outsourcing 42
globalization 1
Gree 53
Haier 53
High Tech Computer 21, 130, 139
Hisense 53
Hon Hai Precision see also Foxconn
HP 24
Huawei 53
Hynix 14, 70

IBM 22, 43
industries
demand-side 187
Infineon Technologies 14, 66, 70
information technology 1
Info-Tek 101
Innolux Display 21, 130, 139
Intel 14, 66, 70, 72
intellectual property 242
Inventec 21, 130, 131, 139
Inventec Appliances 21, 139
Jabil Circuit 18
JDM 121, 211, 219
Joint Design Manufacturing see also
JDM
Jurong 101
Keytronic 101
Kinpo Electronics 101
KLA-Tencor 72
LaBarge 101
Lam Research 72
Lenovo 53
LG 24
Lite-on Technology 21, 130, 139
M&A see also mergers and
acquisitions
Marvell 66
Matsushita 24
MEMC 64
mergers and acquisitions 4
EMS consolidation 159
EMS divestiture 164
Flextronics-Solectron 169
ODM 168
OEM divestiture 162
vertical convergence 161
Midea 53
Mitac International 21, 131, 139
Moore’s Law 13, 65, 72
Motorola 24
Multi-Fineline 101
Nam Tai 101
NEC Electronics 14, 66, 70
network company 32
Neways Electronics 101
Ngai Lik 101
Nokia 24
Noretech 101
Novellus 72
NXP 14, 66, 70
ODM 11, 19, 125, 190
geographical location 132
main firms 21
sales by sector 128
OEM 11 22
operational outsourcing 32
original design manufacturers 125
original device manufacturers see also OEM
original equipment manufacturers see also OEM
outsourcing 27
business process 3
cost-plus contract 33
determinants 35
fixed price contract 34
gain shared contract 34
global outsourcing 42
knowledge process 3
macro-economic risk 42
operational 32
strategic 33
subcontracting 32
outsourcing risk

cultural 42
geopolitical 42
human capital 42
infrastructure 42
legal 42
operational 40
organizational 40
strategic 40
perfect market 1
Plexus 18
Qualcomm 14, 66, 70
Quanta Computer 21, 130, 131, 134, 139
RadiSys 101
Raven 101
Renesas Technology 66, 70
Samsung 14, 24, 66, 70, 131
Sanmina–SCI 18
semiconductors 63
equipment supplier 72
market 65
Shin–Etsu Handotai 64
Siemens 24
Sigmamon 101
SIIX 18
silicon foundry 71
Simclar 101
Skyworth 53
SMIC 66
SMTC 101
Solectron 169, 173
Sony 14, 24, 70
Sparton 101
STM 14, 66, 70
strategic outsourcing 33
subcontracting 32
Sumco 64
Sumco Techxiv 64
Sypris Solution 101
Tatung 21, 130, 139
taylorism 29
TCL 53
Technitrol 18
Texas Instruments 14, 66, 70
Tokyo Electron 72
Toshiba 14, 66, 70
TPV Technology 21, 130, 139
transaction costs 30
TSCM 70
TSMC 14, 66
TT Electronics 18
UMC 66
USI 18
Venture 18
Wacker Siltronic 64
Wistron 21, 130, 139
Wistron Corporation 131
Wong's Inti 101
WPG Holding 16, 80
ZTE 53