

**TABLE 3.** The CIRCUITS ASSEMBLY Top 50 EMS Companies, 2009

RANK, COMPANY	NATIONALITY	2009 REVENUES (\$ million)	URL	NOTES
1 Foxconn Electronics <sup>1</sup>	Taiwan	\$44,700	foxconn.com	Includes FIH (cellphone) work
2 Flextronics <sup>1</sup>	US	\$21,780 <sup>2</sup>	flextronics.com	Aggressively targeting PCs
3 Jabil Circuit <sup>1</sup>	US	\$11,685	jabil.com	HQ expansion on hold
4 Celestica <sup>1</sup>	Canada	\$6,090	celestica.com	Looking for medical buys
5 Sanmina-SCI <sup>1</sup>	US	\$4,240 <sup>4</sup>	sanmina-sci.com	Will latest model finally work?
6 Cal-Comp Electronics/Kinpo Electronics <sup>1</sup>	Thailand	\$3,327 <sup>E3</sup>	calcomp.co.th	Mobile device maven is partly owned by Compal
7 Elcoteq <sup>1</sup>	Luxembourg	\$2,460 <sup>E3</sup>	elcoteq.com	Feeling Nokia's pain
8 Venture Corp. <sup>1</sup>	Singapore	\$2,439.5 <sup>E3</sup>	venture.com.sg	Singapore's "true" EMS leader
9 Benchmark Electronics <sup>1</sup>	US	\$2,089	bench.com	Closing Oregon, moved in N. Hampshire
10 Plexus <sup>1</sup>	US	\$1,616	plexus.com	Back on track
11 SIIX <sup>1</sup>	Japan	\$1,365 <sup>E3</sup>	siix.co.jp	Japan's only major EMS
12 Zollner Elektronik	Germany	\$1,000 <sup>E</sup>	zollner.de	Will the largest privately held EMS overtake Elcoteq in Europe?
13 Beyonics Technology <sup>1</sup>	Singapore	\$959.8 <sup>E3</sup>	beyonics.com	Up 32% in 2009
14 AsteelFlash Group	France	\$700 <sup>E</sup>	asteelflash.com	Flash Electronics fully integrated
15 Alco Electronics <sup>1</sup>	Hong Kong	\$693.4 <sup>5</sup>	alco.com.hk	Up 2.3% in 2009
16 Kimball Electronics Group <sup>1</sup>	US	\$625.4	kimball.com	Can EMS prop lagging furniture biz?
17 Orient Semiconductor Electronics <sup>1</sup>	Taiwan	\$542.4 <sup>E</sup>	ose.com.tw	Also big in IC packaging/test
18 Universal Scientific Industrial Co. (USI) <sup>1</sup>	Taiwan	\$448.6	usi.com.tw	Heavy into handhelds, automotive
19 Team Precision <sup>1</sup>	Thailand	\$445.7	teampcba.com	Is Thailand the next EMS hub?
20 Eolane	France	\$445.4 <sup>E6</sup>	eolane.com	Seven sites, five in France
21 Videoton Holding <sup>1</sup>	Hungary	\$409.5 <sup>E</sup>	videoton.hu	Sweet spot is \$5M-\$30M accounts
22 Nam Tai Electronics <sup>1</sup>	China	\$408.1	namtai.com	Huge (35%) drop in 2009
23 Integrated Microelectronics Inc. (IMI) <sup>1</sup>	Philippines	\$400	imiphil.com	Sights set on \$1B; January IPO
24 Fabrinet	US	\$378.6	fabrinet.com	IPO on hold
25 Creation Technologies	Canada	\$373	creationtech.com	Expanding MN plant
26 Enics	Switzerland	\$367 <sup>E</sup>	enics.com	Former Elcoteq subsidiary going strong in medical, industrial
27 3CEMS Group (FIC Group)	China	\$350 <sup>E</sup>	3cems.com	Major Dell supplier
28 Hitachi Computer Products (America), Inc.	US	\$347 <sup>E</sup>	hitachiomd.com	Bailing from EMS
29 Hana Microelectronics <sup>1</sup>	Thailand	\$345.3	hanagroup.com	Also in LEDs
30 Wong's Electronics/WKK Technology <sup>1</sup>	Hong Kong	\$335.7	wongswec.com	Parent runs major equipment distribution business
31 PartnerTech <sup>1</sup>	Sweden	\$299 <sup>E3</sup>	partnertech.se	Expanding in Poland; new CEO
32 Kitron <sup>1</sup>	Norway	\$290.7	kitron.com	Expanding in China
33 Computime Ltd. <sup>1</sup>	Hong Kong	\$288.2 <sup>5</sup>	computime.com	CEO resigned
34 CTS Electronics Manufacturing Solutions <sup>1</sup>	US	\$285.8	ctscorp.com	Automotive stuck in park
35 Scanfil <sup>1</sup>	Finland	\$274.2 <sup>E3</sup>	scanfil.fi	Resettling in Estonia
36 LaBarge <sup>1</sup>	US	\$269.2	labarge.com	Heavy in defense, growing medical
37 Neways Electronics <sup>1</sup>	the Netherlands	\$268.9 <sup>E6</sup>	neways.nl	Heavy in E. Europe, China
38 VTech Communications <sup>1</sup>	Hong Kong	\$260.6	vtech.com	No. 1 in US handheld phone sales
39 EPIC Technologies	US	\$255 <sup>E</sup>	epictech.com	Major vapor phase user
40t. On Core Manufacturing	US	\$250 <sup>E</sup>	oncorems.com	Major General Dynamics supplier
40t. Victron	US	\$250 <sup>E</sup>	victron.com	Expanding in Mexico
42 EPIQ	Belgium	229.86 <sup>E3</sup>	epiq.com	Automotive didn't drive them away
43 Surface Mount Technology (Holdings) Ltd. <sup>1</sup>	Hong Kong	\$224	smthk.com	Sales nosedived by almost half
44 BreconRidge	Canada	\$223.5 <sup>E</sup>	breconridge.com	Total guess
45 Electronic Network <sup>1</sup>	Germany	\$219.2 <sup>E</sup>	electronic-network.net	Partnering with Connect Systems in Romania
46 V.S. Industry <sup>1</sup>	Malaysia	\$208.7	vs-i.com	Facilities in Malaysia, Indonesia, Vietnam, China
47 SVI Public Co. <sup>1</sup>	Thailand	\$193.7M <sup>E3</sup>	svi.co.th	Adding capacity. Big supplier to ABB
48 SMTC <sup>1</sup>	Canada	\$179.9 <sup>E3</sup>	smtc.com	Closed Boston site
49 KeyTronicEMS <sup>1</sup>	US	\$175.8	keytronic.com	Profitable quarter streak at 25 and counting
50 IPTE/Connect Systems International <sup>1</sup>	Belgium	\$170.8 <sup>E3</sup>	ipte.com	Divesting automation units

Notes: E = Estimate. 1. Publicly held. 2. Excludes \$2 billion in components sales. 3. Based on three quarters of audited revenue and December quarter of company (or CIRCUITS ASSEMBLY) forecast revenue. 4. Excludes \$1 billion in component sales. 5. Based on four quarters ended Sept. 31. 6. Based on first half of company reported revenue and CIRCUITS ASSEMBLY estimate.