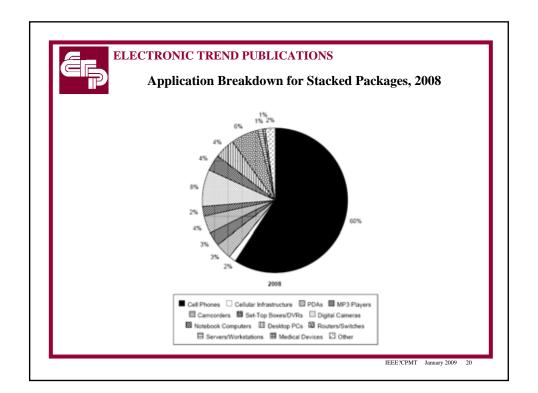
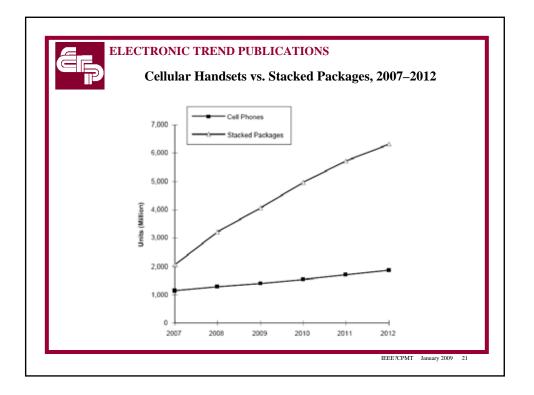
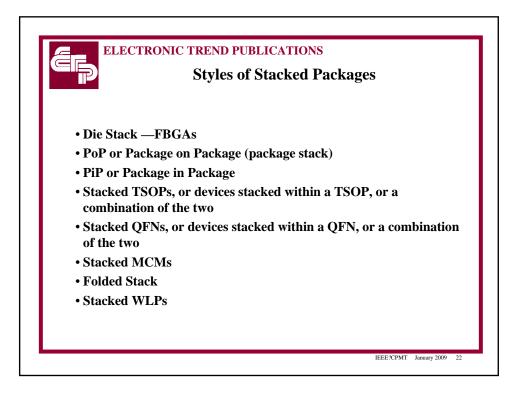
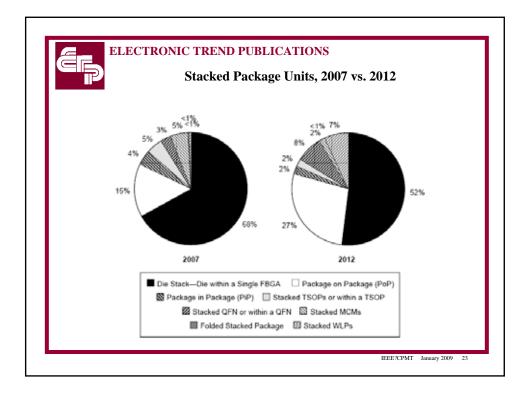


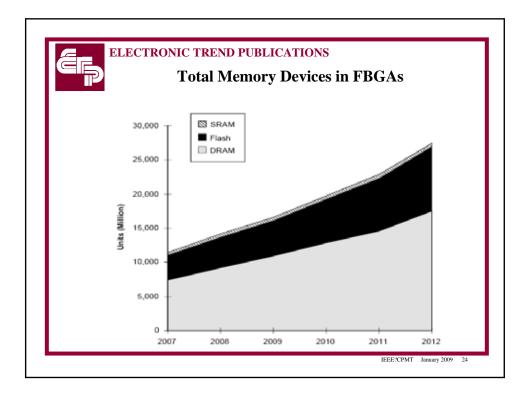
	f End Products Using Stacked Packages						
	2007	2008	2009	2010	2011	2012	CAGR (%)
		U	nits (M)				
Cell Phones	1,144	1,275	1,410	1,550	1,700	1,875	10.4
PDAs	19	21	21	22	24	26	6.5
MP3 Players	98	105	115	120	130	150	8.9
Camcorders	17	18	18	19	20	22	5.3
Set-Top Boxes/DVRs	110	120	135	140	160	190	11.6
Digital Cameras	122	125	130	145	165	195	9.8
Notebook Computers	109	125	145	165	190	220	15.1
Desktop PCs	162	170	170	175	190	200	4.3
Servers	9	10	11	13	14	15	11.3
Workstations	3	3	3	4	4	5	9.4
Total	1,793	1,972	2,158	2,353	2,597	2,898	10.1%

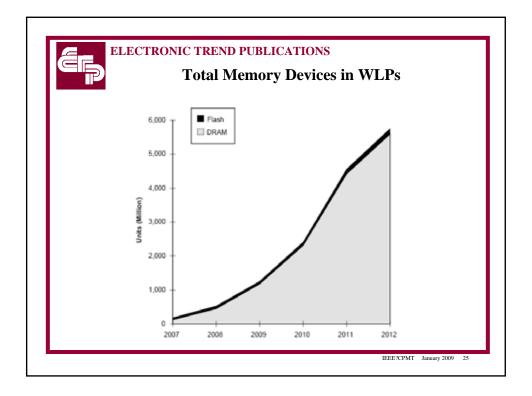


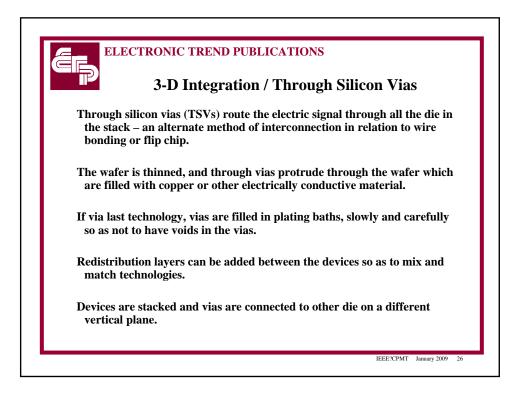


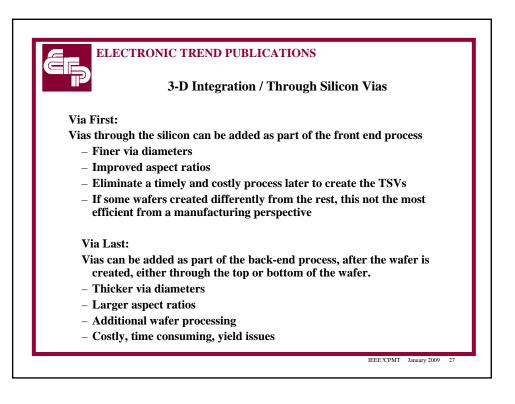


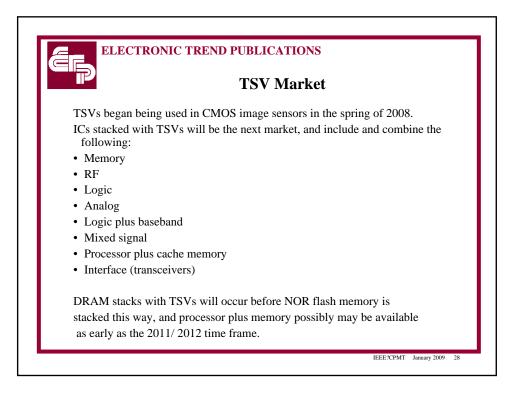


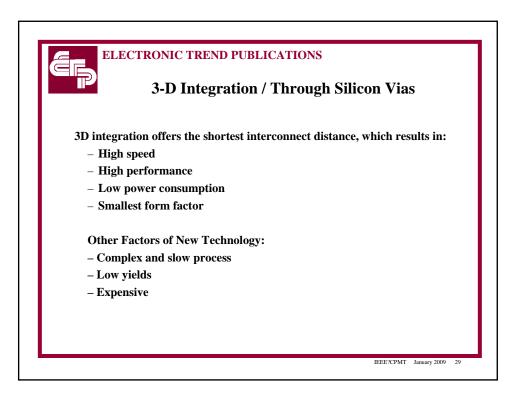


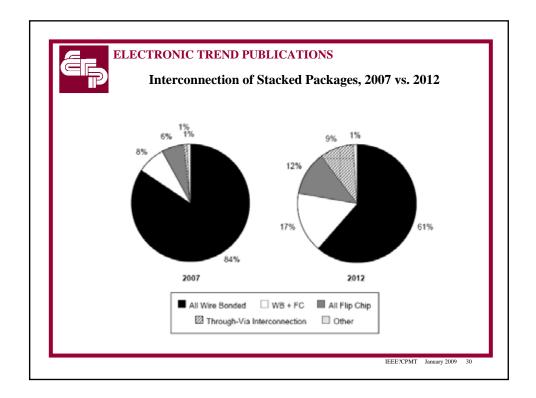


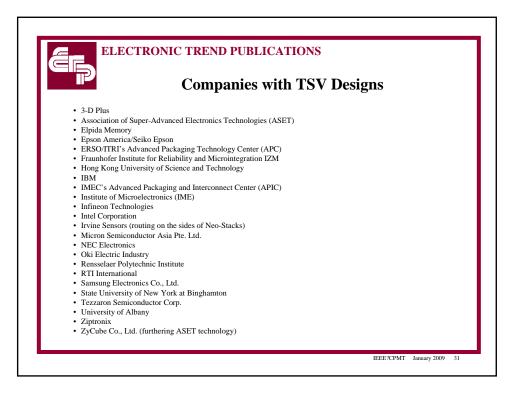


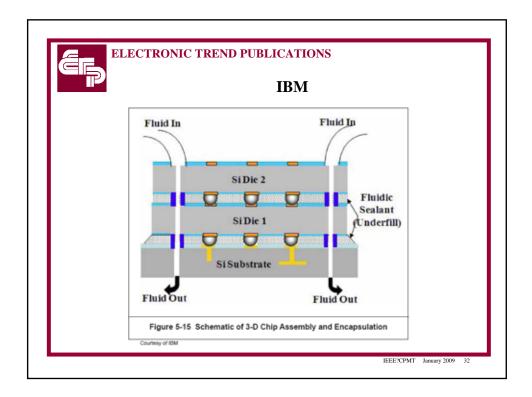












ELECTRONIC TREND PUBLICATIONS				
	IMEC			
10000000	Si Cu BCB (embedding) BCB (gluing)			
Figure 5-20	Schematic Presentation of Stacked Embedded Dies			

