

TABLE 3. Forecast of rigid board technology (product boards).

	CURRENT		2007		2009		2011		2017	
	Conventional	Build-up	Conventional	Build-up	Conventional	Build-up	Conventional	Build-up	Conventional	Build-up
Inner trace width/ line space (µm)	100/125	45/45	85/125	35/35	75/100	25/25	66/88	20/25	50/ 75	15/18
PTH hole size, un-plated (µm)	250	N/A	250	N/A	200	N/A	150	N/A	125	N/A
Drill capture land size (µm)	300 Over drill	110 Microvia	275 Over drill	90 Microvia	250 Over drill	75 Microvia	225 Over drill	60 Microvia	200 Over drill	50 Microvia
Microvia diameter (µm)	125	60	100	50	80	42	70	35	55	25
Buried passives (+actives)	No	Yes	No	Yes	No	Yes (+actives)	Yes	Yes (+actives)	Yes	Yes (+actives)