

TABLE 1. Current state of rigid board substrate technology (product boards).

	CONVENTIONAL		LEADING EDGE (Limited Production)		STATE OF THE ART	
	Available from 85% of industry fabricators		Available from 15% of industry fabricators		Available from less than 1% of industry fabricators	
	Rigid Board	Microvia	Rigid Board	Microvia	Rigid Board	Microvia
Conductor width/ line space (μm)	75/75	n/a	50/60	40/45	35/35	30/30
PTH hole size, unplated (μm)	300	n/a	200	75	150	40
Drill capture land size (μm)	400	n/a	300	175	280	70
Buried passive components	No	No	Very limited	Yes	Yes	Yes