

TABLE 6. Example of PCB being converted to lead-free assembly.

PCB DESIGN FEATURE	ATTRIBUTE	RECOMMENDED ADJUSTMENT
Thickness	1.60mm (0.062 in.)	—
Number of reflows	3	—
Material	Conventional 140°C Tg FR-4	—
Surface finish	Lead free HASL (HASL not typical)	Treat as an additional reflow cycle
Layer count	10 (</=8 typical)	Consider moving up and right on chart