



Single-side (TOP) load for all components
 White LPI solder mask
 Black silkscreen
 IPC-4552 ENIG finish, no Pb

Ideal layer stackup (top to bottom):
 1 oz/1.4mil top/layer 1 copper
 6.7mil prepreg
 0.5 oz/0.7mil layer 2 copper
 47 mil core
 0.5 oz/0.7mil layer 3 copper
 6.7mil prepreg
 1 oz/1.4mil bottom/layer 4 copper

All copper layers positive
 PCB thickness 62mil/1.6mm total
 FR4 or FR408 material

4 thru-hole connectors:
 USB1 (vertical RA USB-A connector)
 P1 (Right-angle 2x5 header)
 VBAT4/VBUS Out: Red banana jack
 GND4/GND: Black banana jack

Board cutout dimension marked
 "CUTOUT" : 325 x 550mil