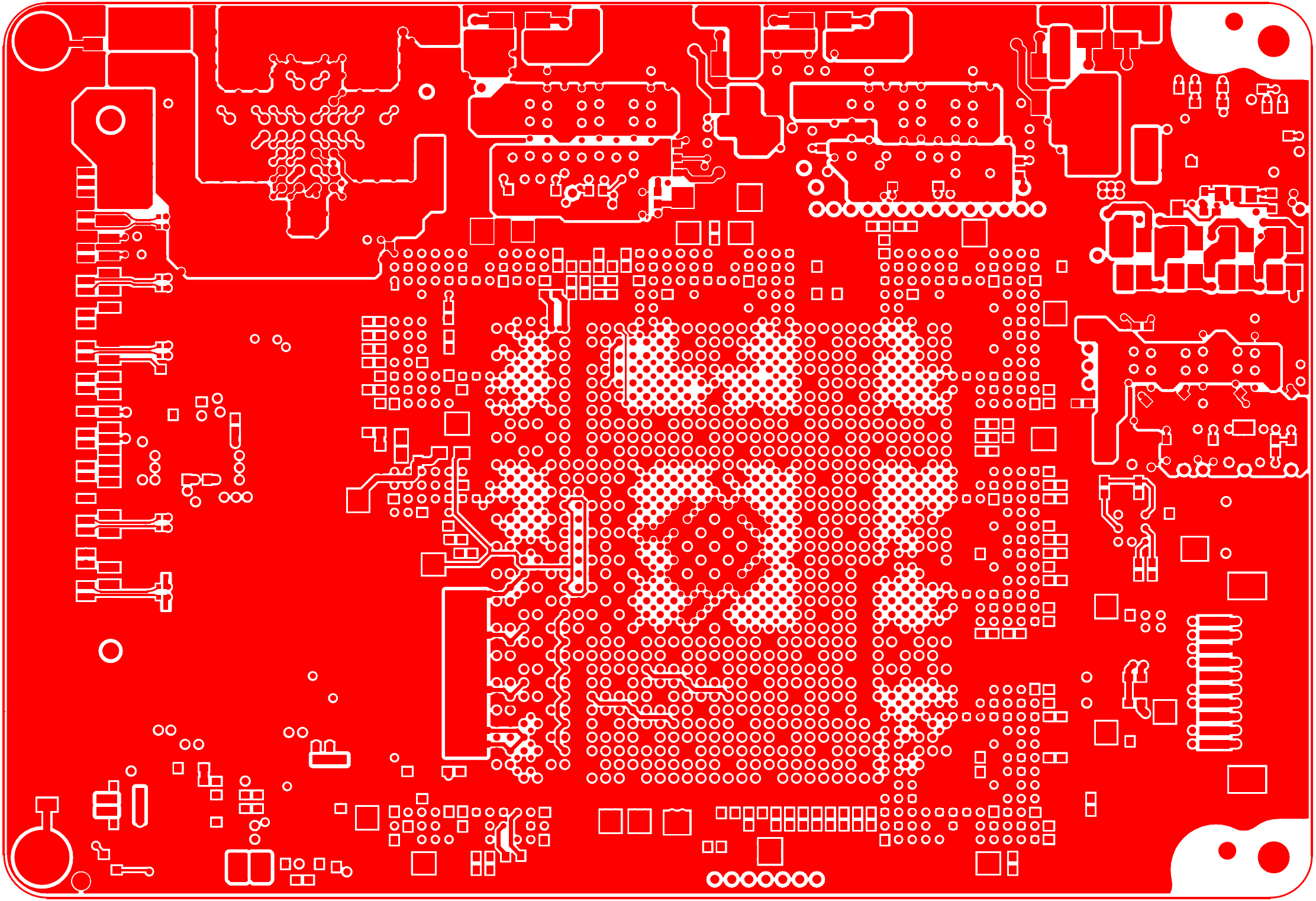

LAYER 22 : BOTTOM