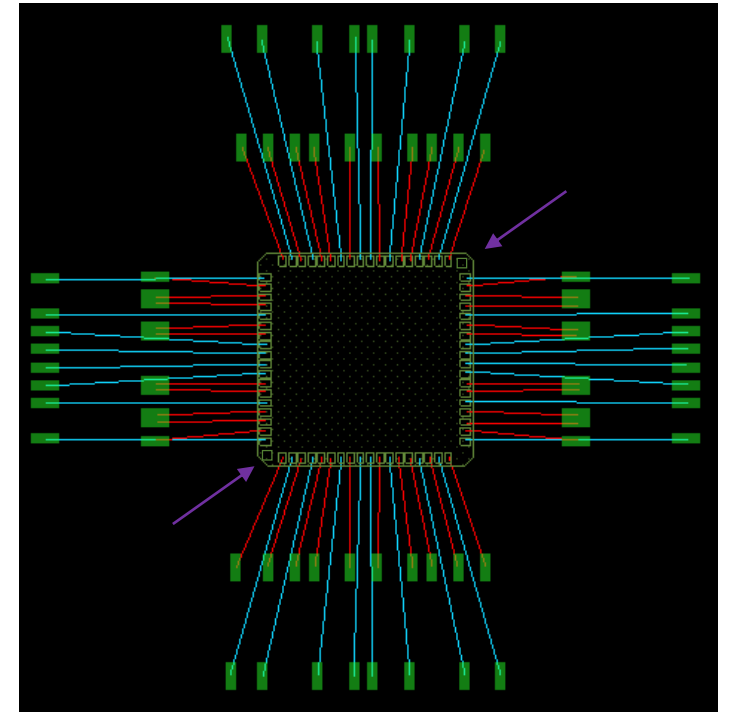


First the board is oriented with the component-side upwards. Then board must be oriented so that the set of four vias, denoted by the purple boxes, are on the top and bottom edges. The chip must be aligned with the board so that the two tabs on opposite corners of the chip are on the top right and bottom left of the chip, as denoted by the purple arrows. The chip is not symmetric about the vertical and horizontal axes, so there is a distinction between the top and bottom. The left side of the board is denoted by three vias that line up (see red boxes) while on the right side only two vias line up by the outer layer of pads.

The second picture is a simplified view of the chip and pads to emphasize the wire bonding pattern. Note the tabs in the top-right and bottom-left signify the orientation of the chip relative to the bond pads, as in the diagram to the left.



Wire Bond Diagrams depicting the inner layer bond pad wirings to the left, and the outer layer bond pad wirings to the right.

