





A 3D perspective rendering of a custom printed circuit board (PCB) assembly. The PCB is green with yellow silkscreen markings. Components include: a large black electrolytic capacitor at the top left; a black heat sink on the left side; a green square component at the top right; several resistors of various values and colors (brown, orange, yellow, green, blue) distributed across the board; a large black electrolytic capacitor at the bottom center; and two smaller black electrolytic capacitors at the bottom right. The board is populated with numerous surface-mount components and through-hole components. Labels like 'VIN', 'J1', 'C4', and 'H5' are visible on the board.