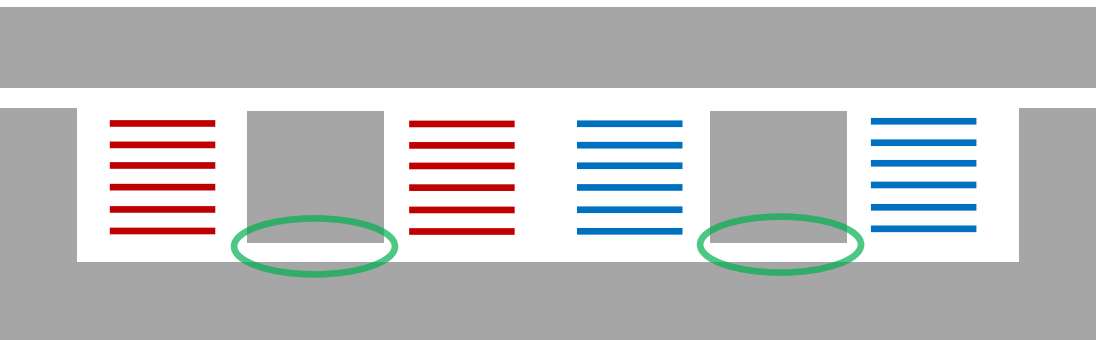
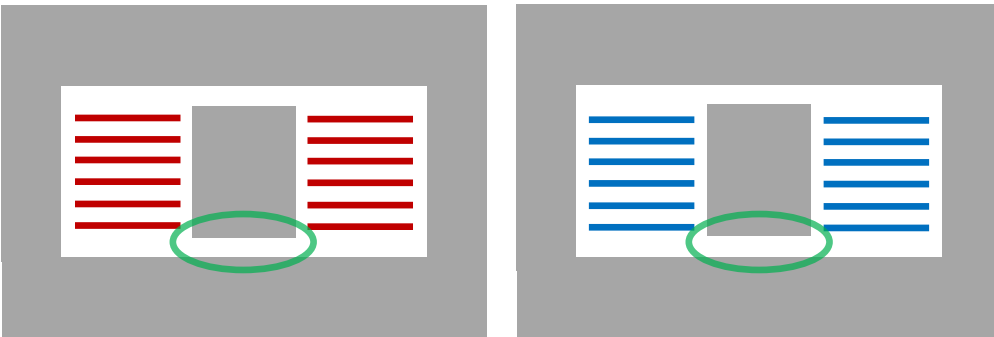


(a) Double-PQ with Dual Air Gap

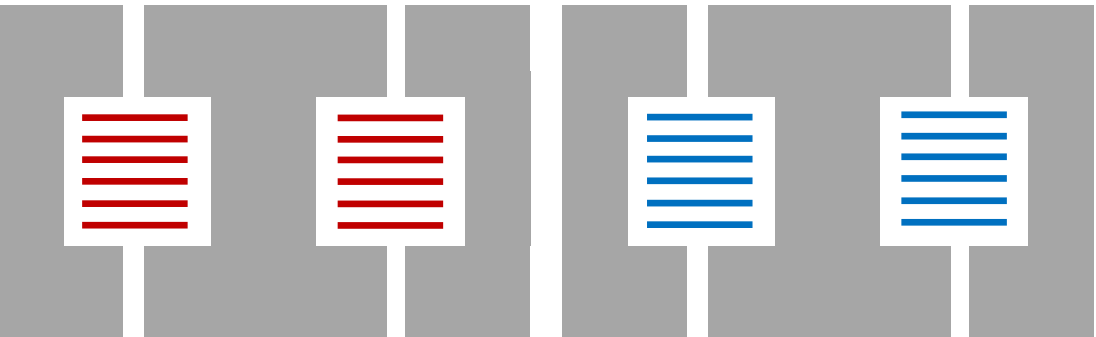


(b) Four-Pole with Dual Air Gap

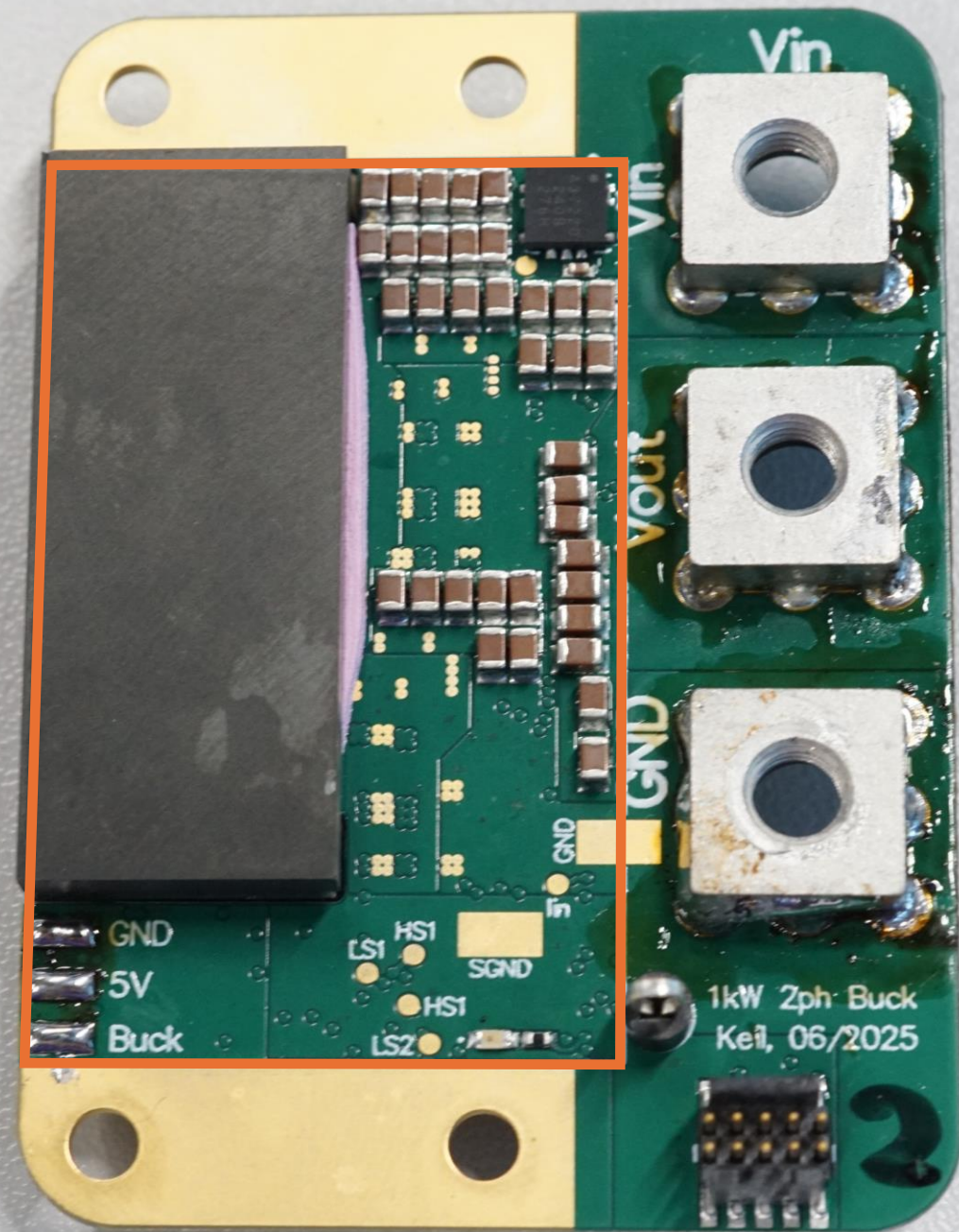
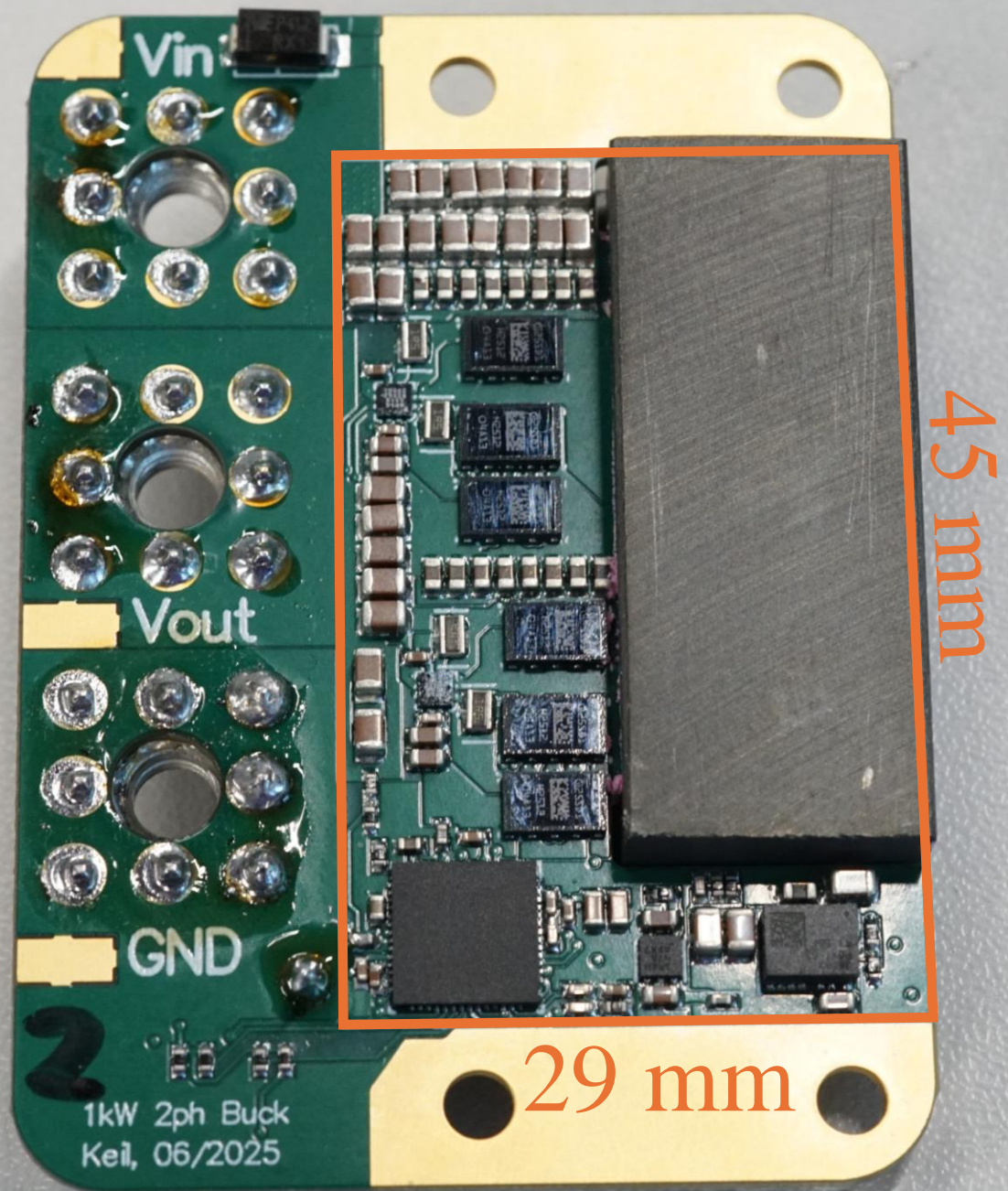


(c) Modified EE

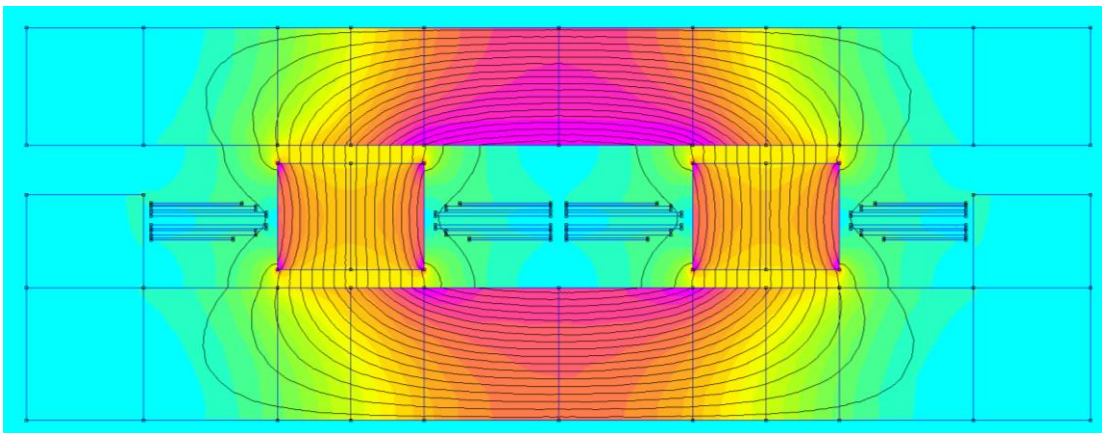
○ Additional Air Gap



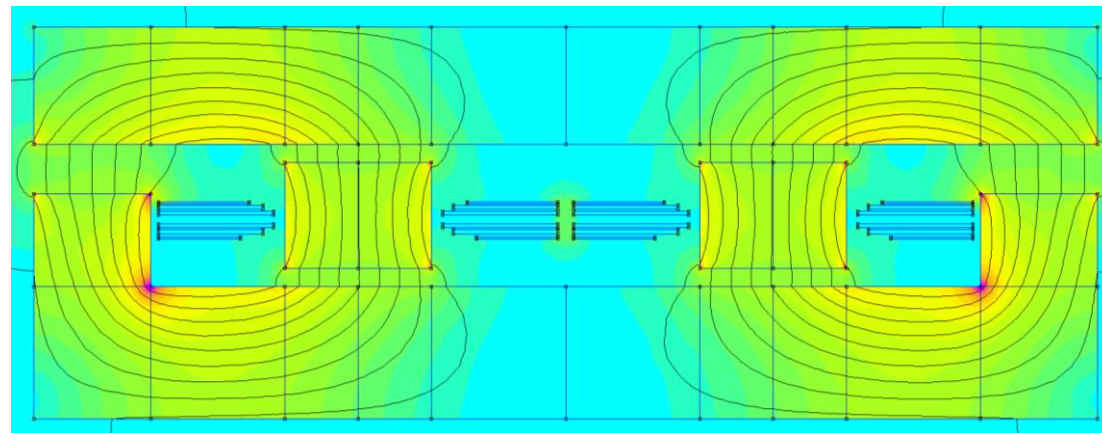
(d) Vertical Gap



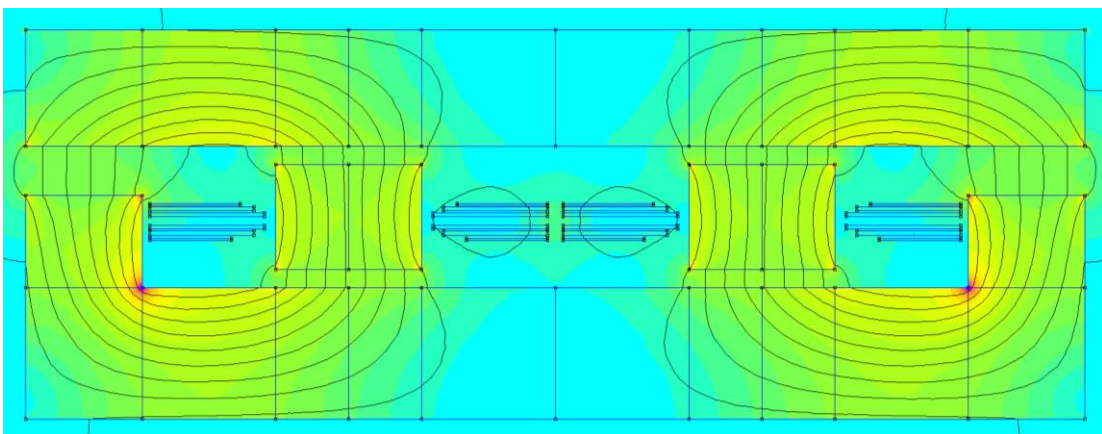




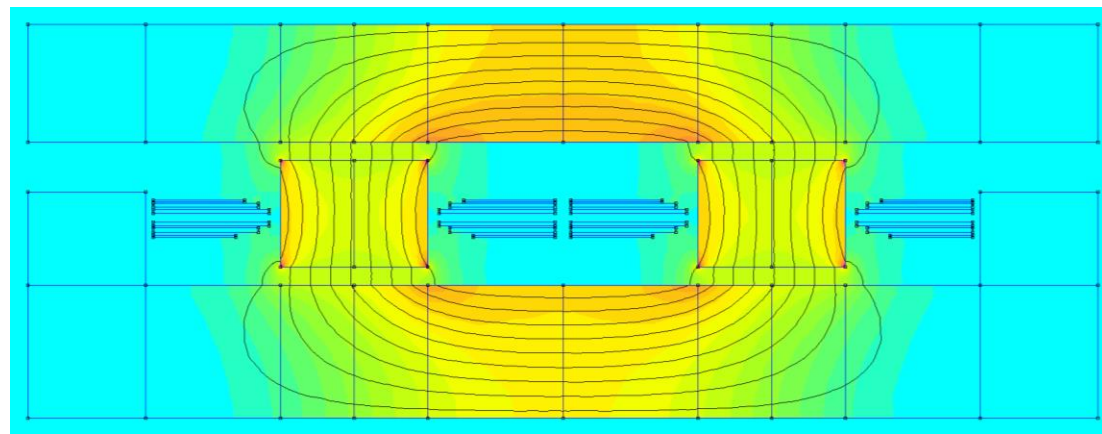
(a) Pos. Coupling DC



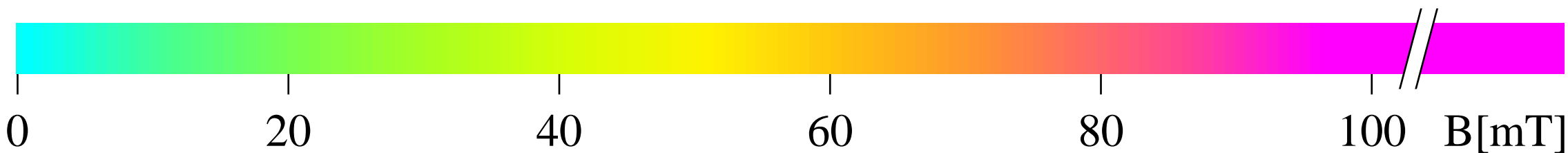
(b) Pos. Coupling Fundamental

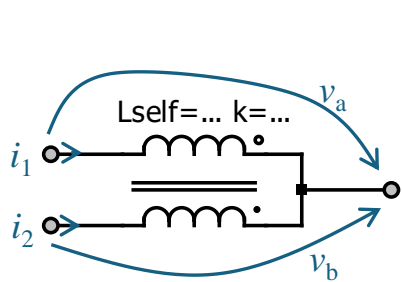


(c) Neg. Coupling DC

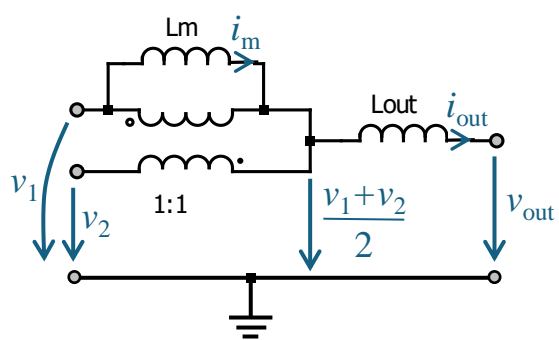


(d) Neg. Coupling Fundamental





(a) Coupled Inductor



(b) Transformer Model