

$$T_{on} := 5\mu s$$

$$V_{fwd} := 28V$$

$$Turns := 6$$

$$A_{core} := 4cm^2$$

$$\Delta B := \frac{T_{on} \cdot V_{fwd} \cdot 10^8}{Turns \cdot A_{core}}$$

$$\Delta B = 5.833 \times 10^6 T$$