

$f_{\beta} = 1005037.815 \text{ hertz}$

$f = 100503781.5 \text{ hertz}$

$c_{be} = 3.04687 \text{D-}10 \text{ farad}$

$r_{be} = 520 \text{ ohm}$

$r_{bb} = 80 \text{ ohm}$