

ICEO -> VC=VCmox -> VE= ICE NEI = 0,4V/

VCE-0x=16,5V-0,6V=16,1V/

Find maximum efficiency.

Find the maximum power dissipated on the transistor

Detailed calculation; \(\(\tau = 9V - I(\alpha \BS = 8,2V \ I(\alpha = 100 mA)\)

For the transistor, the maximum junction temperature is given as 180 °C.

The maximum air temperature is 50 °C.

What should "the thermal resistance from the junction to air" be?