Resistive NPN

Ic = 1.8683 mA

Vc = 3.434 V

Vre = 2.045 V

V2 = 2.664 V

Resistive PNP

Ic = 1.8683 mA

Vc = 1.368 V

Vre = 3.116 V

V2 = 2.472 V

Biasing NPN

Ic = 1.8683 mA

Vc = 3.822 V

V2 = 2.187 V

Vx = 1.614 V

Vy = 2.243 V

Biasing PNP

Ic = 3.0611 mA

Vc = 1.368 V

V2 = 2.326 V

Vx = 2.75 V

Vy = 2.454 V