

5.7 Single Stage BJT Amplifiers

Reading Assignment: 460-485

Small signal BJT amplifiers typically can be classified as one of three types.

Each type has its own specific characteristics, and thus each type has its own specific uses!

First, we consider the common-emitter amplifier:

HO: THE EMITTER CAPACITOR: WHAT'S UP WITH THAT?

Next, the common collector amplifier—otherwise known as the emitter follower.

HO: THE COMMON-COLLECTOR AMPLIFIER

Finally, the common-base amplifier:

HO: THE COMMON-BASE AMPLIFIER