MOSFET Configurations

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Todays topic: MOSFET Configuration

* MOSFET configurations:

- 1) There are three basic configurations for MOSFETS
 - a) Common source (CS)

 (for connecting the MOSFET

 as an amplifier)
 - b) Common drain (CD) or source follower
 - c) Common gate (CG)
- 2) Each configuration have its own characteristics of voltage and current gain as well as input and output impedance
- (3) Each of these configurations is obtained by connecting one of the three terminals of MOSFET to ground → thus creating a two-port network with the grounded terminal being common to the input and output ports





