

Figure 1: B — MESFET element.

REEDATM Form: mesfetc:⟨instance name⟩ n_1 n_2 n_3 ⟨parameter list⟩

n_1 is the drain node

n_2 is the gate node

n_3 is the source node

parameter list see table 1 for parameter list

SPICE Form:

Bname n_1 n_2 n_3 ModelName [Area]

n_1 is the drain node

n_2 is the gate node

n_3 is the source node

ModelName is the model name

Area is the optional relative area factor. (Units: none; Default: 1; Symbol:Area)

Example:

In *REEDATM*:

mesfetc:b1 2 0 3

In SPICE:

B1 3 7 4 GAAS12 0.5

II The Curtice-Ettemberg Model

ELEMENT Model

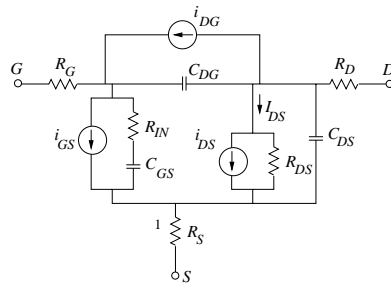


Figure 2: The Curtice-Ettemberg Model

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