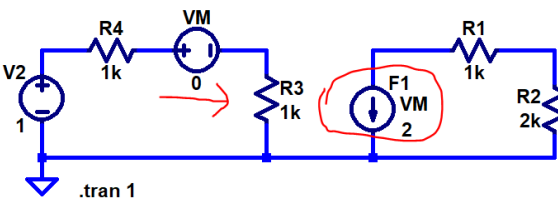


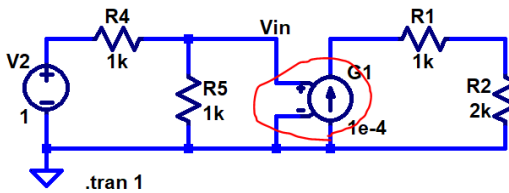
Attribute	Value	Vis.
Prefix	E	X
InstName	E1	X
SpiceModel		
Value	2	X
Value2		
SpiceLine		
SpiceLine2		

VCVS – Voltage-Controlled Voltage Source.
 LTSpice calls this a “Voltage-Dependent Voltage Source”.
 The part is e or e2 (flips the control terminal polarity).
 Output Voltage = Gain*(Input Voltage), here $V_e = 2 * V_{in}$.



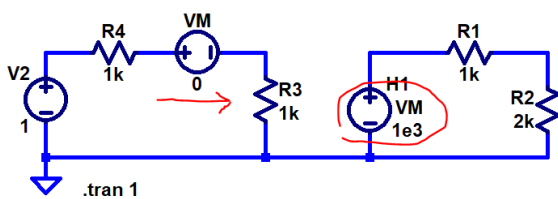
Attribute	Value	Vis.
Prefix	F	X
InstName	F1	X
SpiceModel		
Value	VM	X
Value2	2	X
SpiceLine		
SpiceLine2		

CCCS – Current-Controlled Current Source.
 LTSpice calls this a “Linear Current-Dependent Current Source”.
 The part is f.
 Current through F1 = Gain*(reference current), here $I = 2 * (\text{current through VM})$.
 SPICE defines positive current flow as following from + to –.



Attribute	Value	Vis.
Prefix	G	X
InstName	G1	X
SpiceModel		
Value	1e-4	X
Value2		
SpiceLine		
SpiceLine2		

VCCS – Voltage-Controlled Current Source.
 LTSpice calls this a “Voltage-Dependent Current Source”.
 The part is g or g2 (flips the control terminal polarity).
 Current through G1 = Gain*(Input Voltage), here $I = 1e-4 * V_{in}$.



Attribute	Value	Vis.
Prefix	H	X
InstName	H1	X
SpiceModel		
Value	VM	X
Value2	1e3	X
SpiceLine		
SpiceLine2		

CCVS – Current-Controlled Voltage Source.
 LTSpice calls this a “Linear Current-Dependent Voltage Source”.
 The part is h.
 Voltage across H1 = Gain*(reference current), here $V_{H1} = 1e3 * (\text{current through VM})$.
 SPICE defines positive current flow as following from + to –.