

The graph displays the drain current ( $I_D$ ) in milliamperes (mA) on the y-axis against the drain-source voltage ( $V_{DS}$ ) in volts (V) on the x-axis. The x-axis ranges from 0 to 60 V with major ticks every 10 V. The y-axis ranges from 0 to 5 mA with major ticks every 1 mA. There are eight curves representing different gate-source voltages ( $V_{GS}$ ):

- 0.0 V (red curve, highest current)
- 2.0 V (red curve)
- 4.0 V (blue curve)
- 6.0 V (blue curve)
- 8.0 V (blue curve)
- 10.0 V (blue curve)
- 12.0 V (blue curve)
- 14.0 V (blue curve, lowest current)

The curves show that the drain current increases with  $V_{DS}$  and is higher for more negative  $V_{GS}$  values. The curves for  $V_{GS} = 0.0$  V and  $-2.0$  V are red, while the others are blue.

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