

The graph displays the relationship between Drain-Source Current ( $I_{DS}$ ) and Drain-Source Voltage ( $V_{DS}$ ) for different Gate-Source Voltages ( $V_{GS}$ ). The x-axis represents  $V_{DS}$  in Volts (V), ranging from 0 to 60. The y-axis represents  $I_{DS}$  in microamperes ( $\mu A$ ), ranging from 0 to 1000. The curves are labeled with their corresponding  $V_{GS}$  values: 0.0 V, -2.0 V, -4.0 V, -6.0 V, -8.0 V, -10.0 V, -12.0 V, and -14.0 V. The current increases with  $V_{DS}$  and is higher for more negative  $V_{GS}$  values.

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