

A graph showing the Drain-Source Current ( $I_{DS}$ ) versus Drain-Source Voltage ( $V_{DS}$ ) for a device at various Gate-Source Voltages ( $V_{GS}$ ). The x-axis is labeled "Drain-Source Voltage (V)" and ranges from 0 to 60. The y-axis is labeled "Drain-Source Current ( $I_{DS}$ )" and ranges from 0 to 10. The curves are labeled with  $V_{GS}$  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 curves show that  $I_{DS}$  increases with  $V_{DS}$  and decreases as  $V_{GS}$  becomes more negative. The curves for  $V_{GS} = 0.0$  V and -2.0 V are red, while the others are blue.

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