**ON CHARACTERISTICS** (Note 2)

| | | | | | | |
|---|---|---|---|---|---|---|
| $V_{GS(th)}$ | Gate Threshold Voltage | $V_{DS}$ = $V_{GS}$, $I_D$ = 250 μA | 0.65 | 0.85 | 1.5 | V |
| $\Delta V_{GS(th)}$ / $\Delta T_J$ | Gate Threshold Voltage Temperature Coefficient | $I_D$ = 250 μA, Referenced to 25°C | – | −2.1 | – | mV/°C |
| $R_{DS(on)}$ | Static Drain−Source On−Resistance | $V_{GS}$ = 4.5 V, $I_D$ = 0.22 A | – | 2.6 | 4 | Ω |
| | | $V_{GS}$ = 4.5 V, $I_D$ = 0.22 A, $T_J$ = 125°C | – | 5.3 | 7 | |
| | | $V_{GS}$ = 2.7 V, $I_D$ = 0.19 A | – | 3.7 | 5 | |
| $I_{D(on)}$ | On−State Drain Current | $V_{GS}$ = 4.5 V, $V_{DS}$ = 5 V | 0.22 | – | – | A |
| $g_{FS}$ | Forward Transconductance | $V_{DS}$ = 5 V, $I_D$ = 0.22 A | – | 0.2 | – | S |

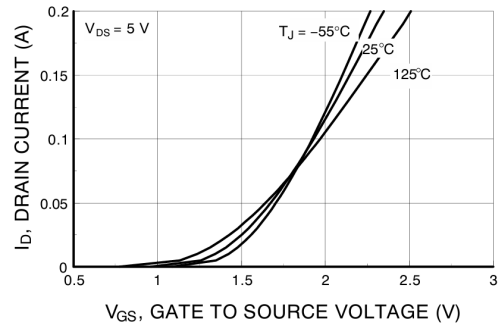


**Figure 5. Transfer Characteristics**




POWER

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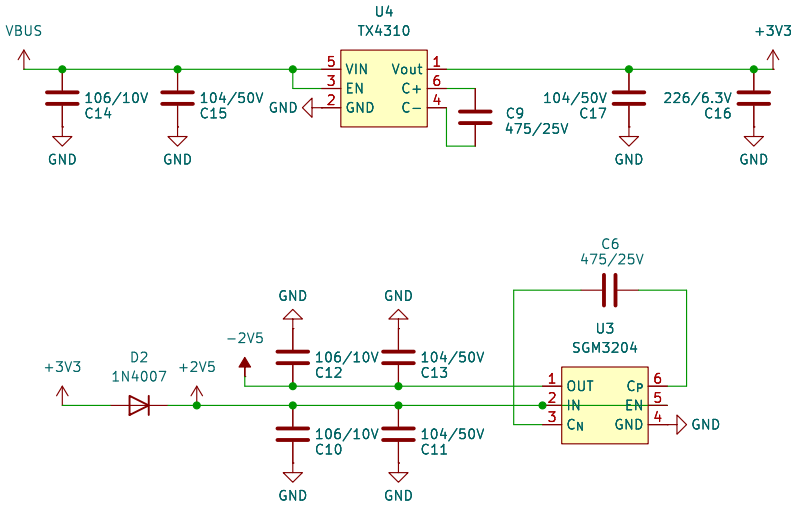


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