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|------------------------------------|-------------|
| V_{DS} | 20V |
| I_b | 80A |
| $R_{DS(on)}$ (at $V_{GS} = 4.5V$) | 18mΩ |
| $R_{DS(on)}$ (at $V_{GS} = 2.5V$) | 22mΩ |
| $R_{DS(on)}$ (at $V_{GS} = 1.8V$) | 30mΩ |

Trench Power LV MOSFET technology
 High density cell design for low $R_{DS(on)}$
 High Speed switching

Battery protection
 Load switch
 Power management

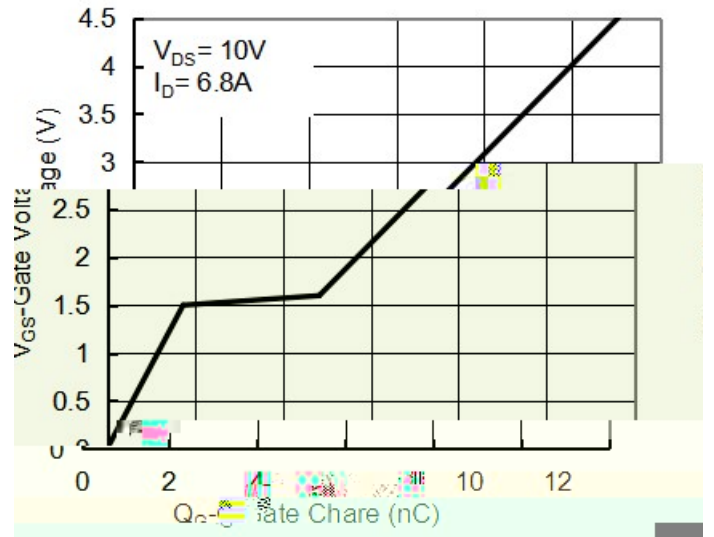
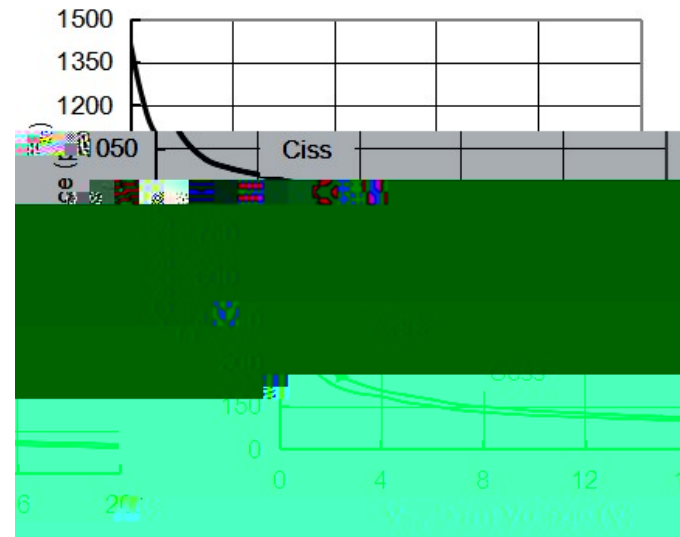
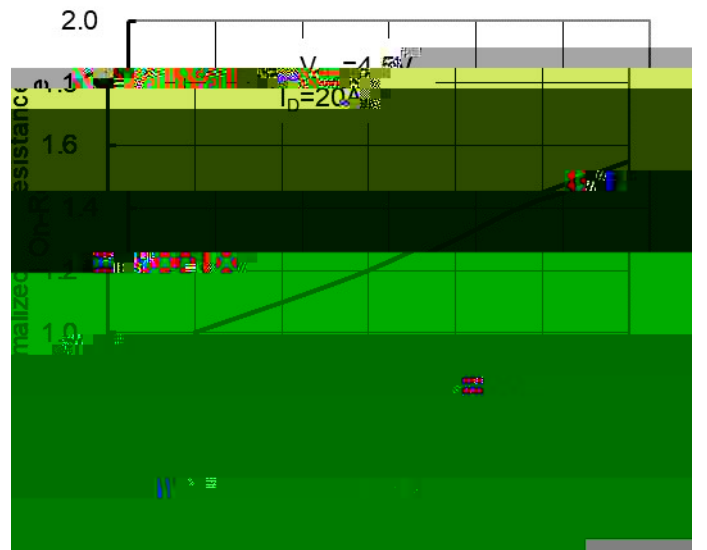
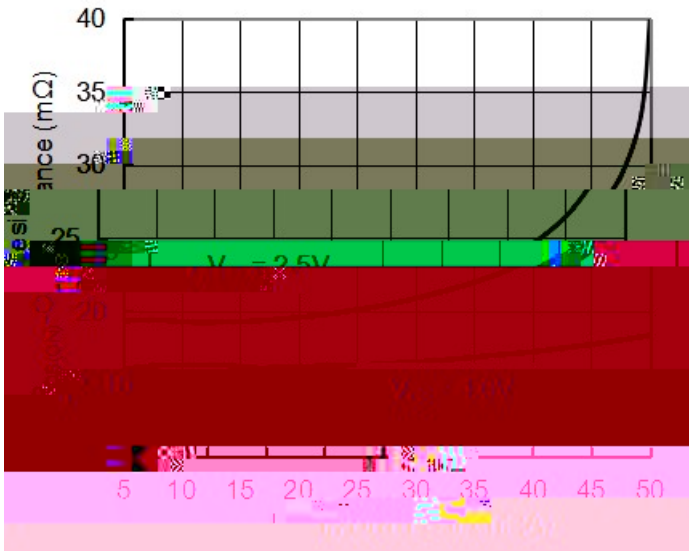
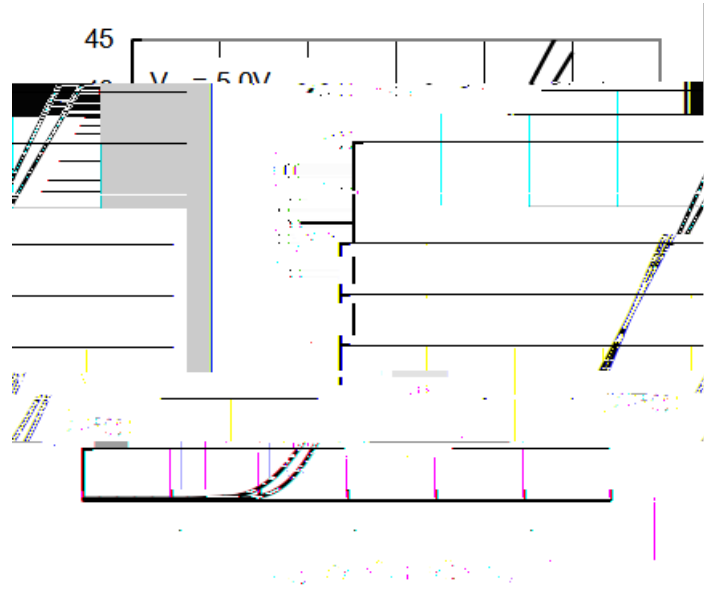
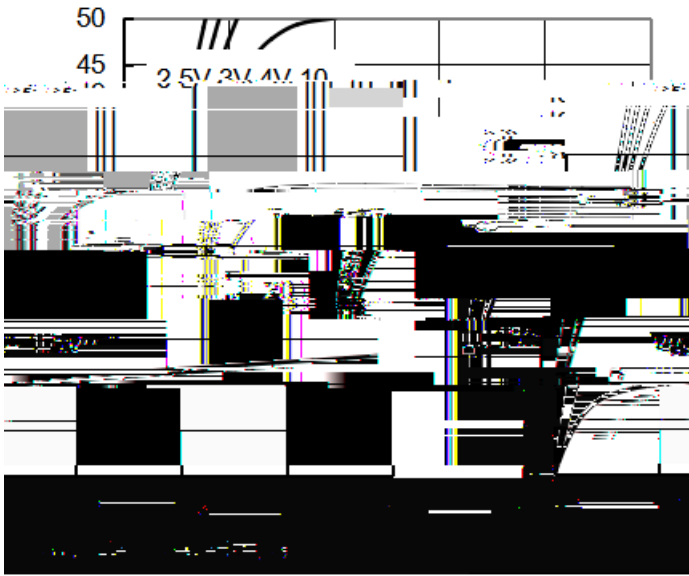
($T_A = 25$ unless otherwise noted)

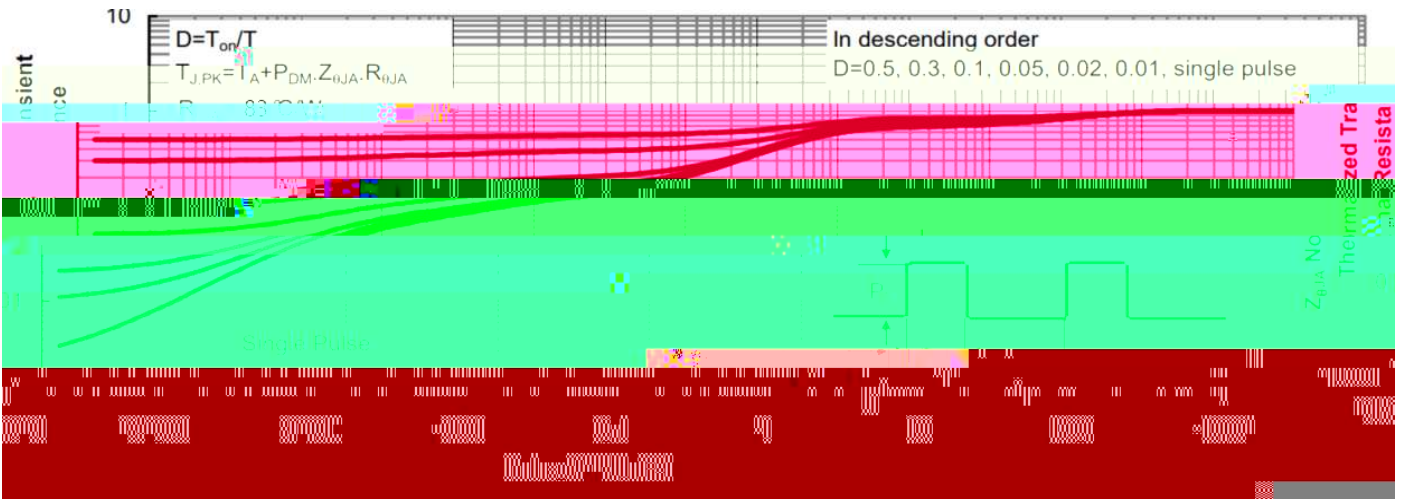
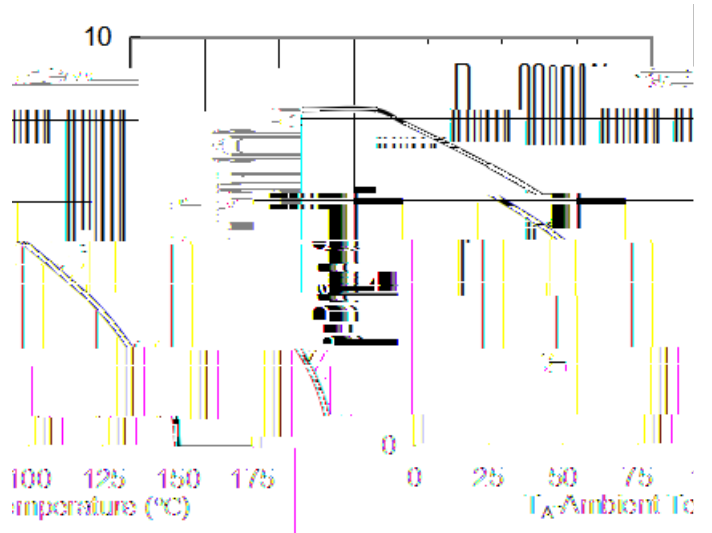
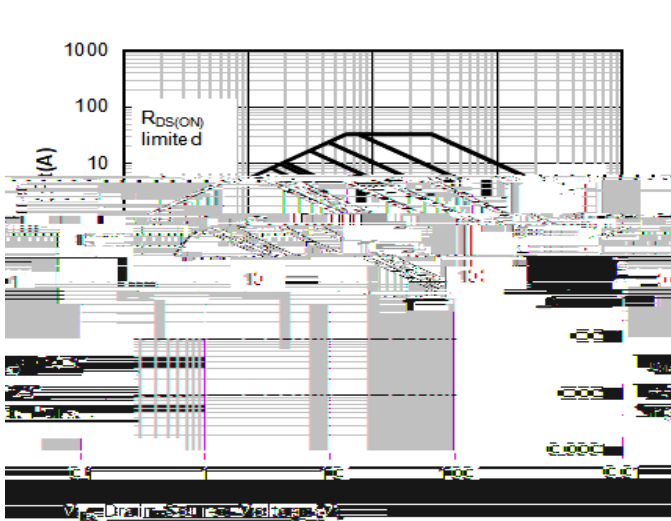
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|-----------------------------|----------|-----------|----------------|
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| Drain-source Voltage | V_{DS} | 20 | V |
| Gate-source Voltage | V_{GS} | 10 | V |
| Drain Current | I_b | 8 | % A |

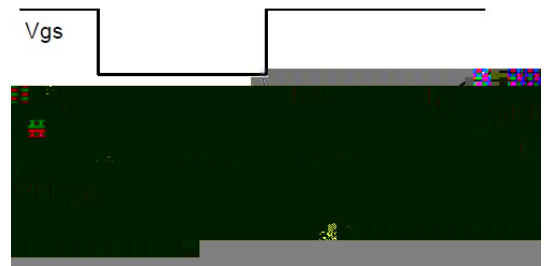
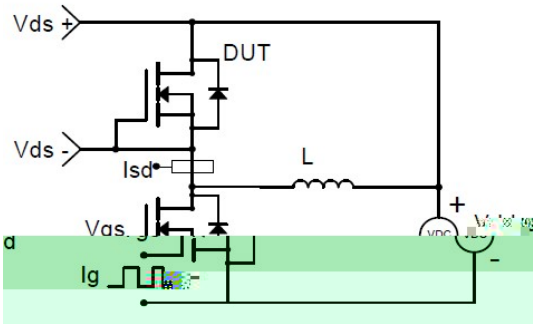
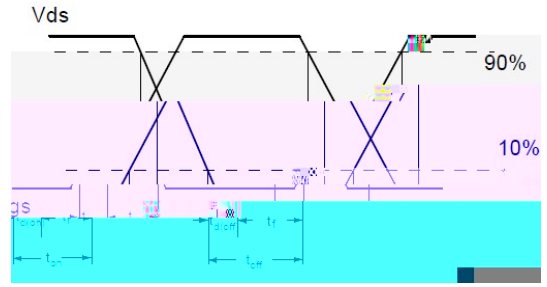
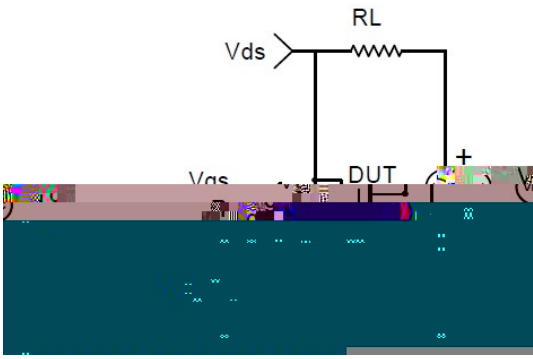


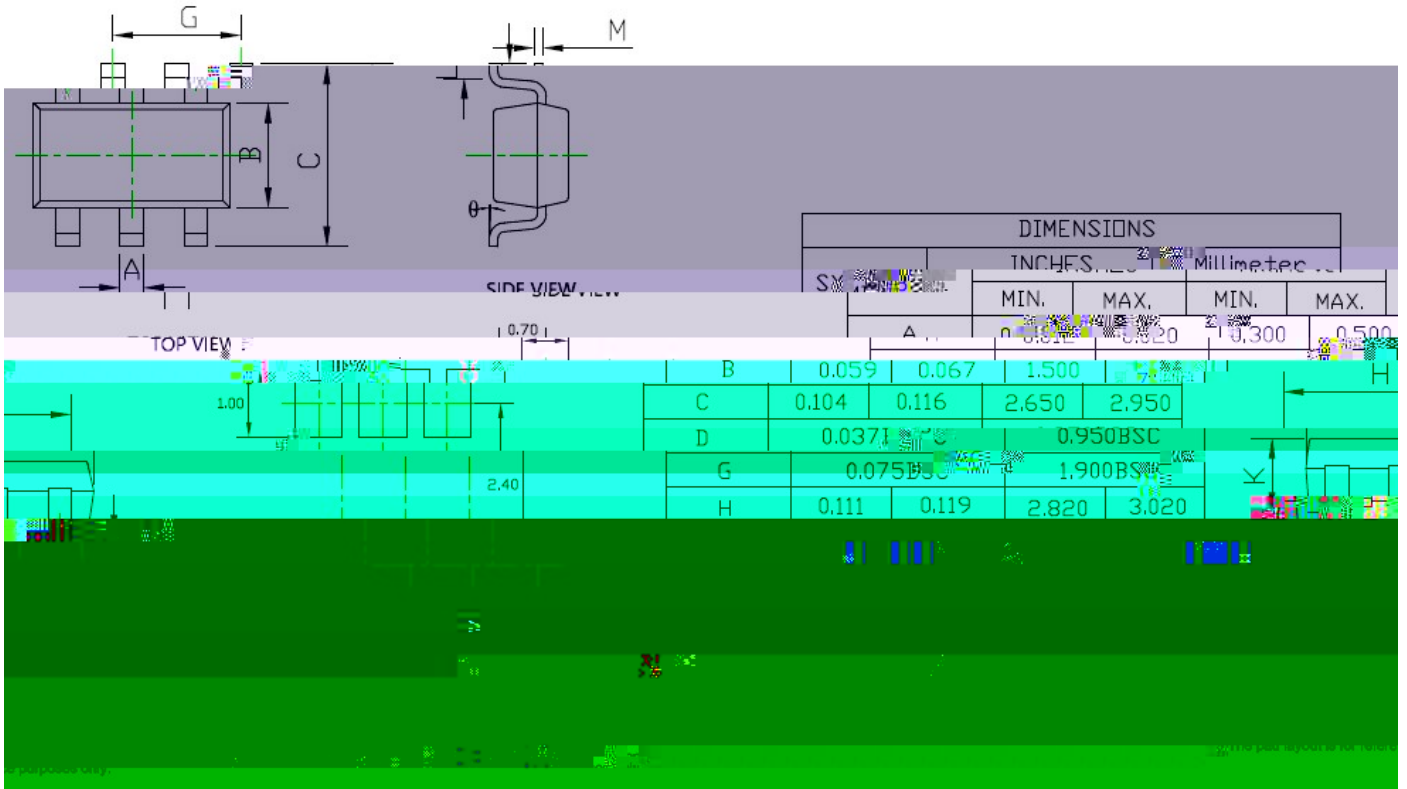
(T_F=25 unless otherwise noted)

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