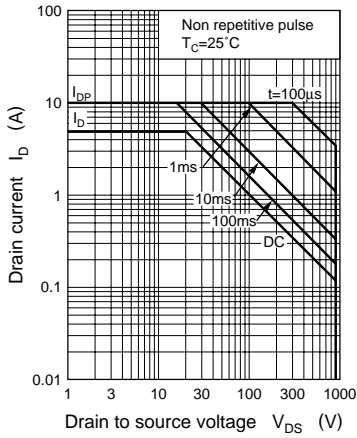
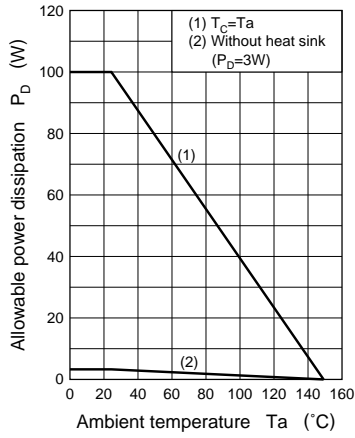




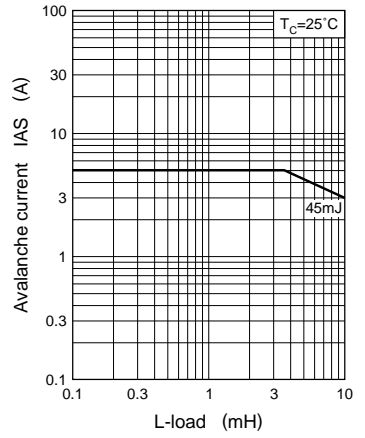
Area of safe operation (ASO)



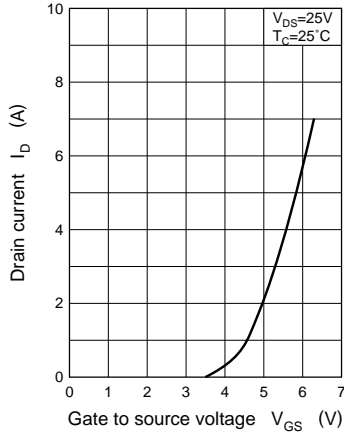
$P_D - T_a$



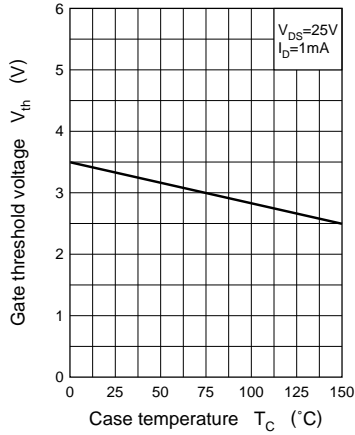
IAS — L-load



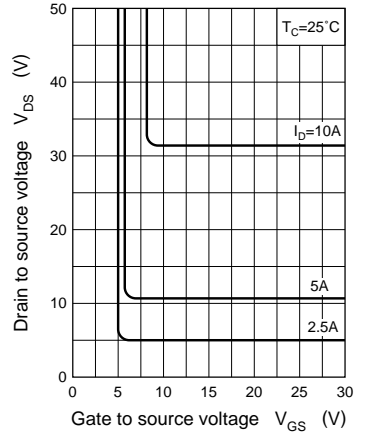
$I_D - V_{GS}$



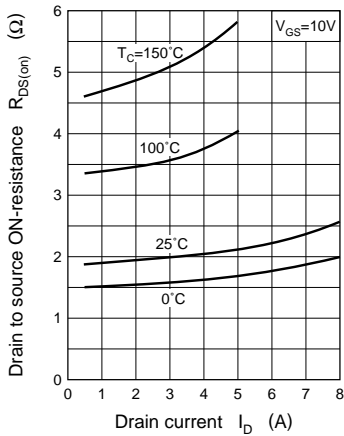
$V_{th} - T_C$



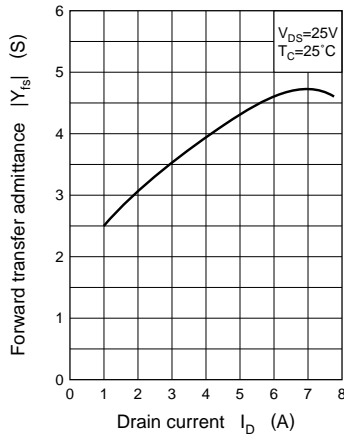
$V_{DS} - V_{GS}$



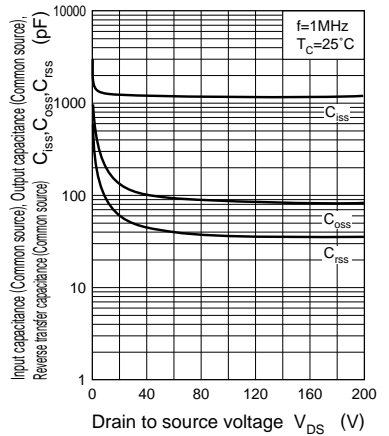
$R_{DS(on)} - I_D$



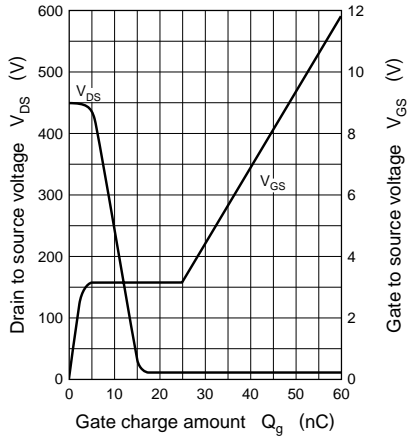
$|Y_{fs}| - I_D$



$C_{iss}, C_{oss}, C_{rss} - V_{DS}$



$V_{DS}, V_{GS} - Q_g$



$R_{th(t)} - t$

