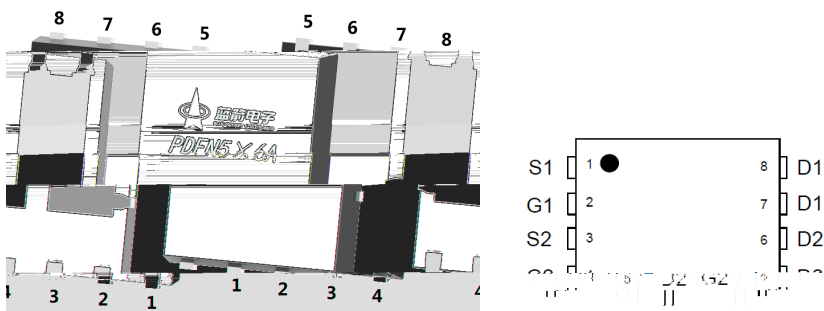
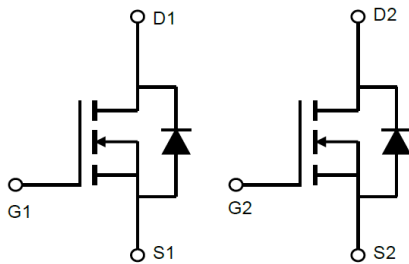


Rev.A May.-2024

PDFN5×6A                      N  
 Dual N-CHANNEL MOSFET in a PDFN5×6A Plastic Package .

$V_{DS}(V)=30V$        $I_D=64A$   
 $R_{DS(ON)}@10V<4.5m\Omega$ (Typ. 4.3 m $\Omega$ )  
 $R_{DS(ON)}@4.5V<6.5m\Omega$ (Typ. 5.9 m $\Omega$ )  
 HF Product.

PWM                                      LED  
 PWM Application, Load Switch, Power Management, Dimming LED.



See Marking Instructions.

| Parameter | Symbol | Rating | Unit |
|-----------|--------|--------|------|
|-----------|--------|--------|------|

/

| Parameter           | Symbol       | Test Conditions                                                                       | Min | Typ  | Max | Unit |
|---------------------|--------------|---------------------------------------------------------------------------------------|-----|------|-----|------|
| Turn-On Delay Time  | $t_{d(on)}$  | $V_{DS}=15\text{ V}$<br>$R_L=0.75\Omega$<br>$V_{GS}=10\text{ V}$<br>$R_{GEN}=3\Omega$ |     | 13.1 |     | ns   |
| Turn-On Rise Time   | $t_r$        |                                                                                       |     | 15.4 |     | ns   |
| Turn-Off Delay Time | $t_{d(off)}$ |                                                                                       |     | 42   |     | ns   |
| Turn-Off Fall Time  | $t_f$        |                                                                                       |     | 15   |     | ns   |

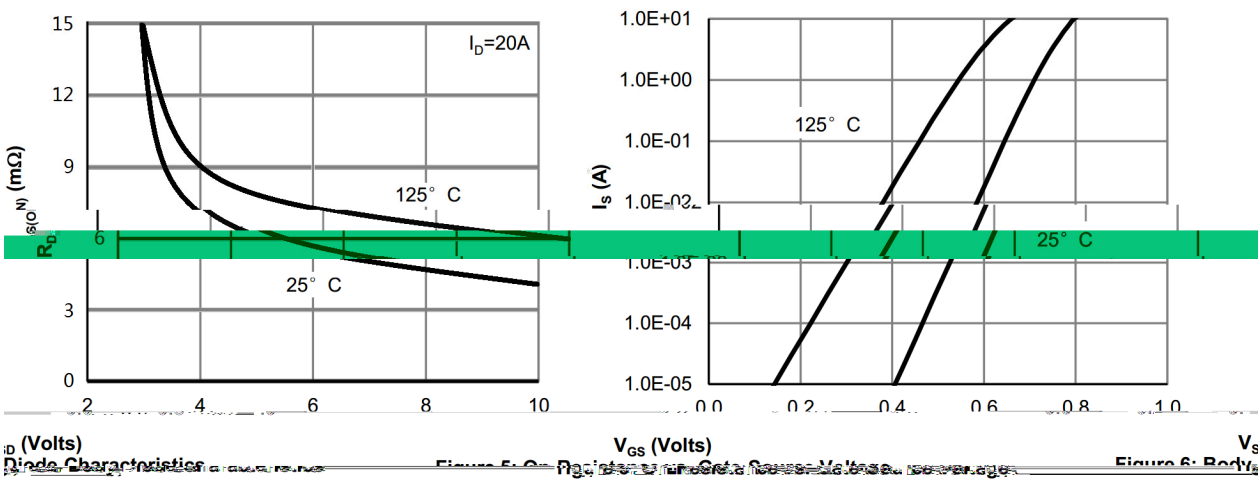
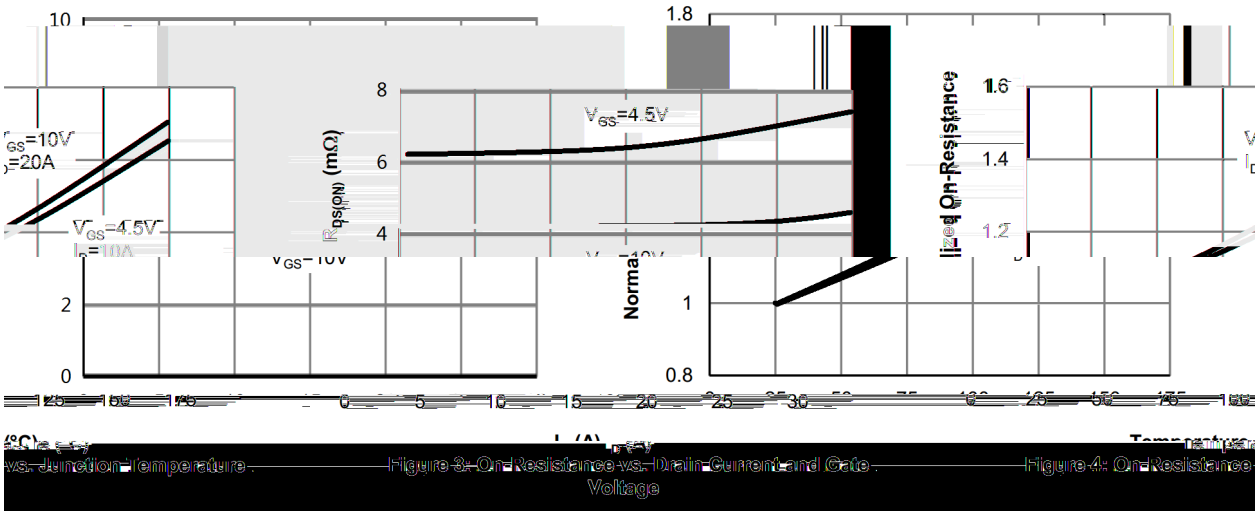
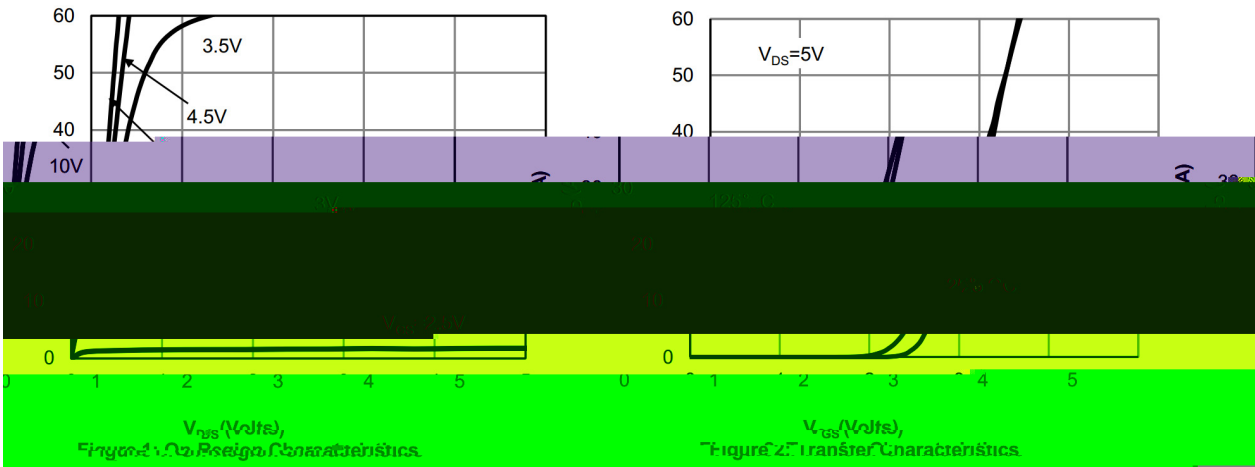
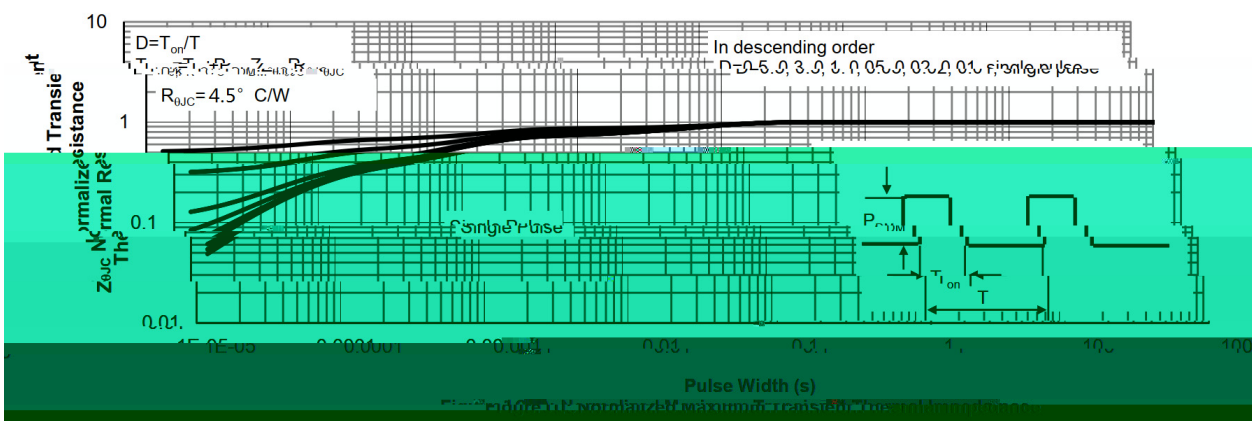
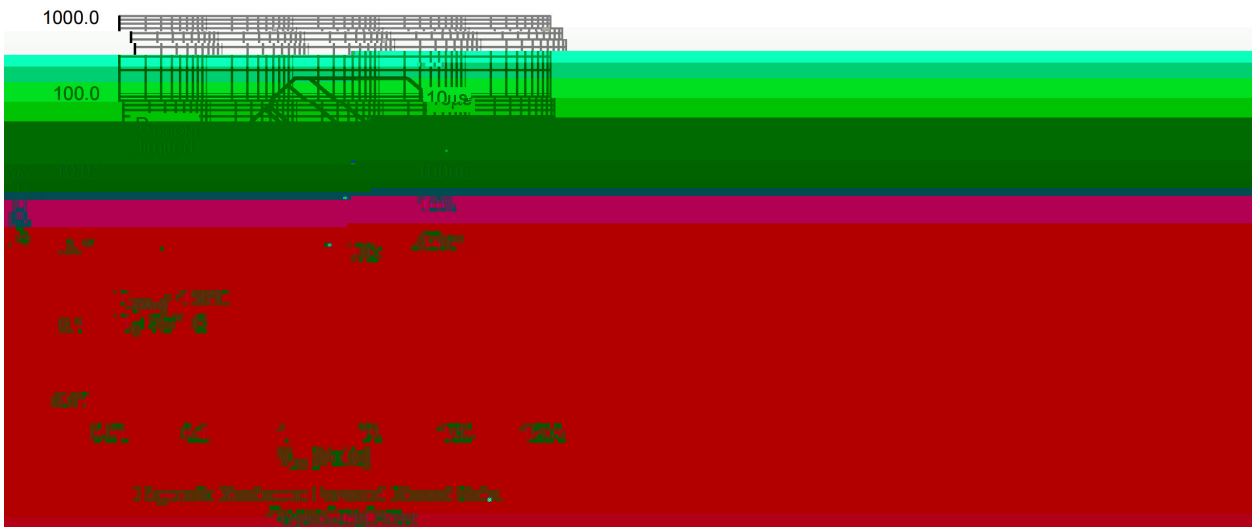
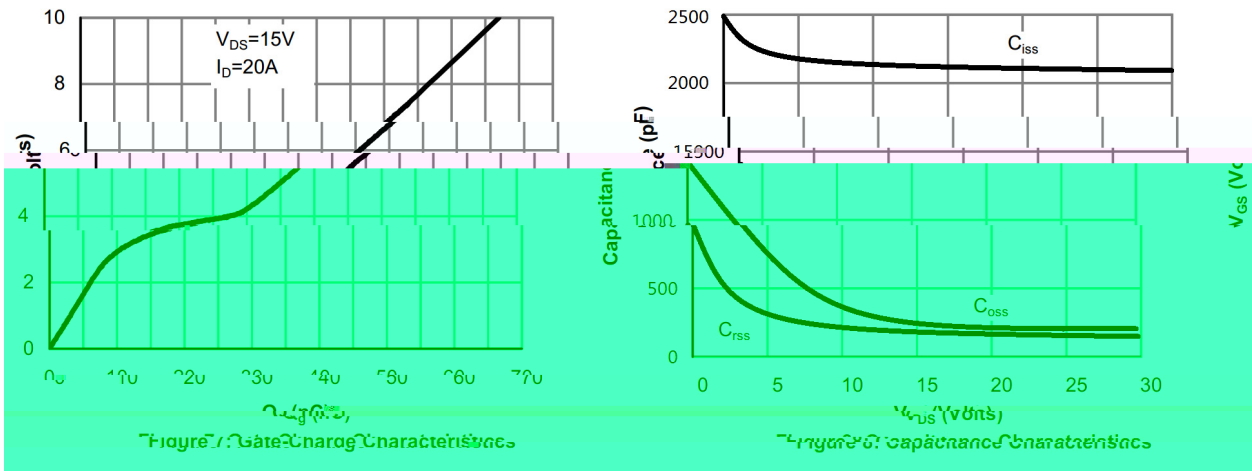
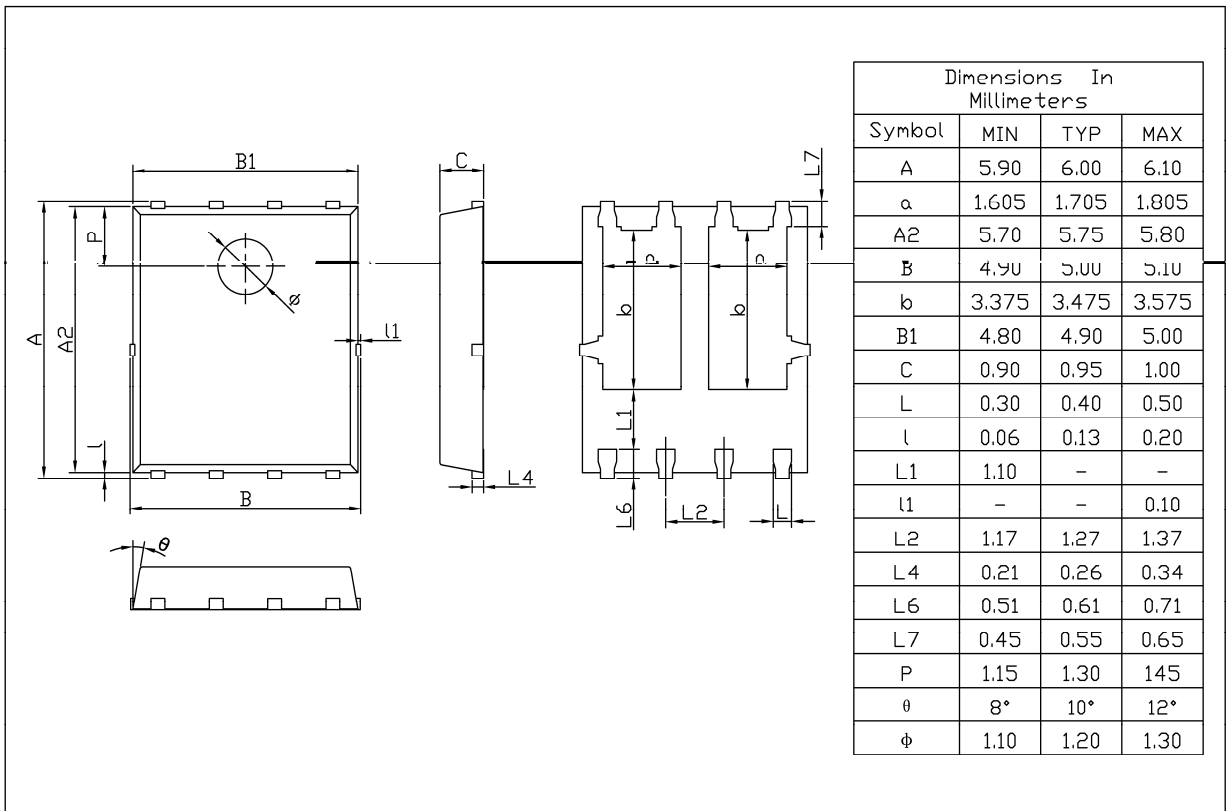


Figure 2: Transfer Characteristics Figure 3: On-Resistance vs. Drain Current and Gate Voltage Figure 4: On-Resistance vs. Gate Voltage

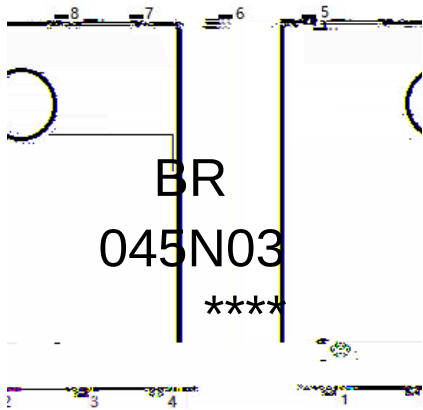


PDFN5 X6A

Unit:mm



Rev.01 202209



|        |                                       |
|--------|---------------------------------------|
| BR     |                                       |
| 045N03 |                                       |
| ****   |                                       |
| Note   |                                       |
| BR     | Company Code                          |
| 045N03 | Product Type Code                     |
| ****:  | Lot No. Code, code change with Lot No |

