SGIQ 6Ö6D0;0 ṂṂŁ S ѕ PRV ß ѽ Ẓ ᚴ

P-Channel Enhancement Mode Field Effect Transistor in a PDFN 3Ö3A-8L Plastic Package.

V_{DS} (V) = -30V

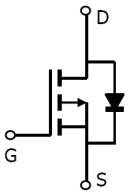
I_D =-45A (V_{GS} = ± 20V)

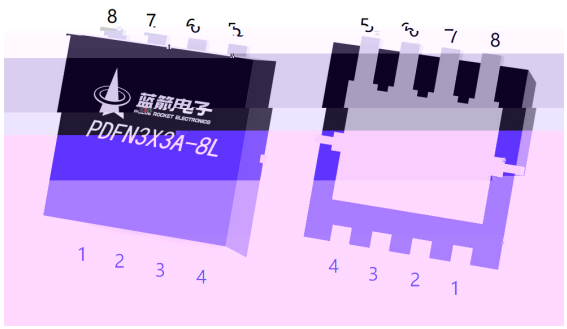
$R_{DS(ON)}$@-10V ≤ 7.5mR(Typ.6.5mR)

ŋ ғ β KI Surgxfw1

ᚸ L Ґ Ш ڑ ᖘ ق ɔ Ầ ʜ ı ɔ – Ȝ ĭ Ⱦ ɔ 2 ѽ ɔ

Notebook AC-in load switch,Battery protection charge/discharge.



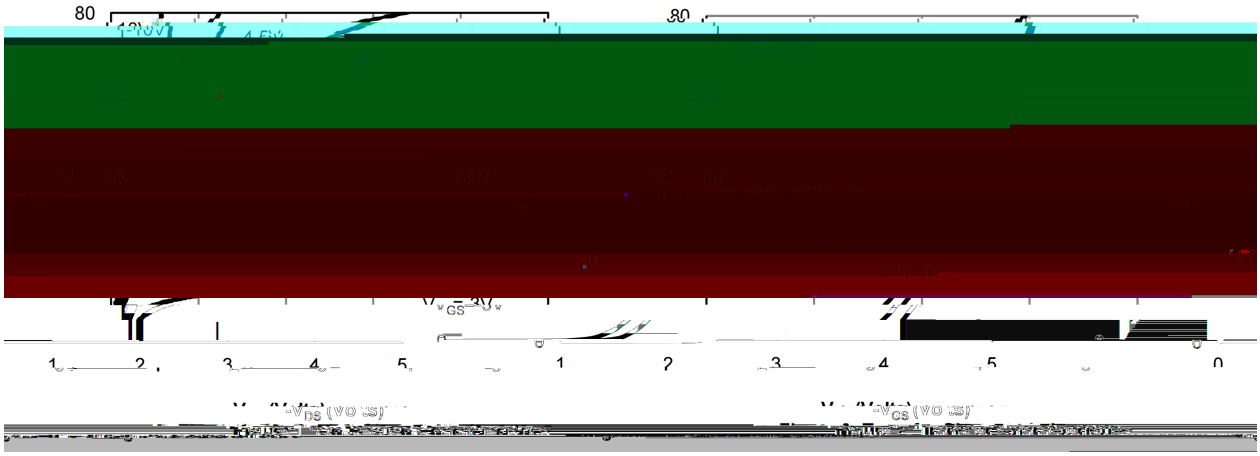


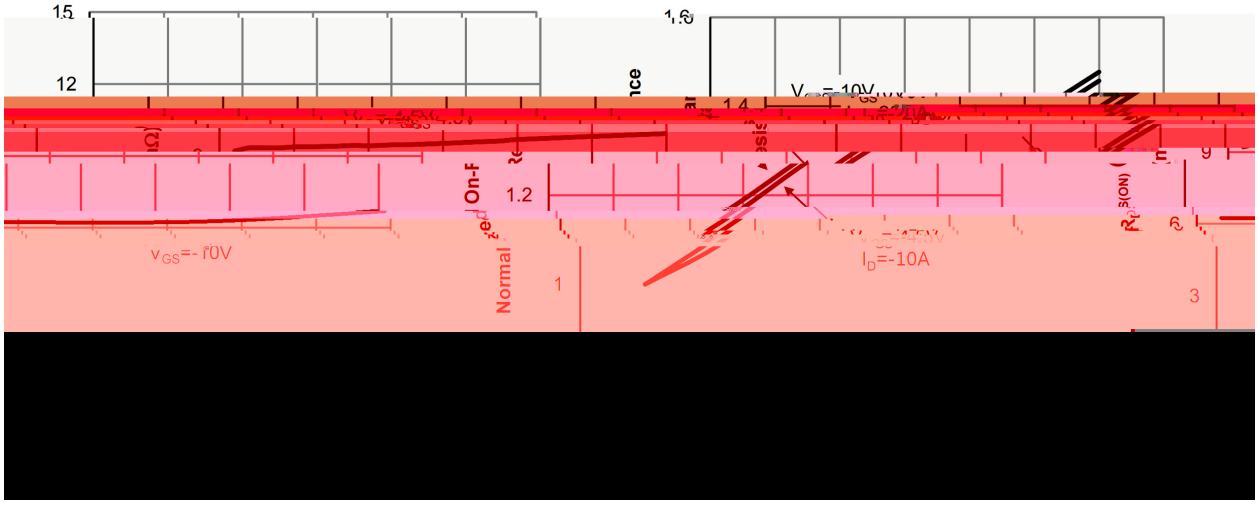
出脚	定义
Pin1	S
Pin2	S

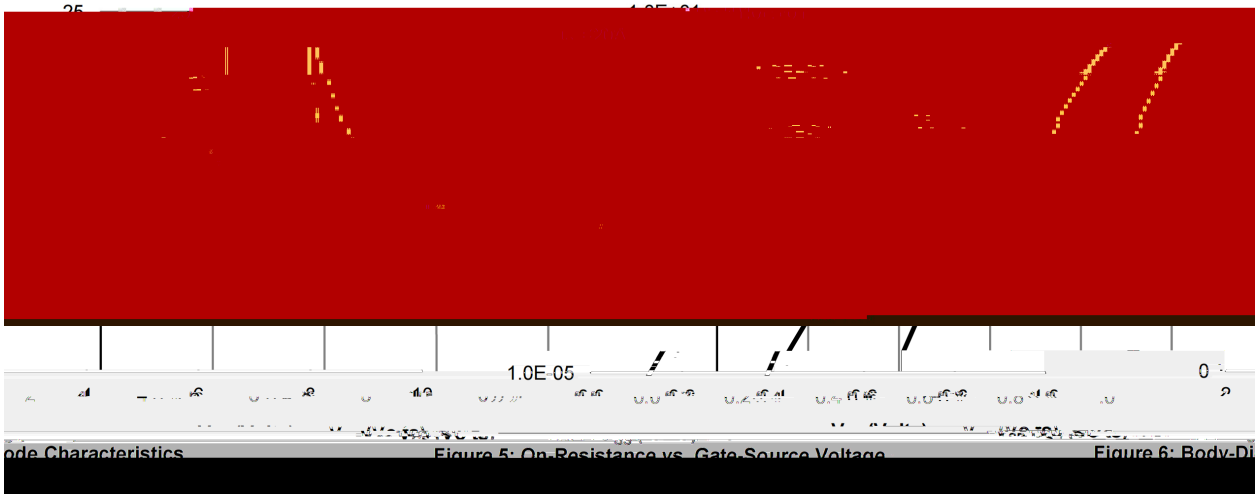
ð м ᚸ ب ˝

See Marking Instructions.

v ̈Ọ Parameter	ϒ N Symbol	⅄ ⍭ ʇ Test Conditions	ѡ ṇ Ө Min	Ɛ ʒ Ө Typ	ѡ ᶻ Ө Max	ᴅ Ꮒ Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=-10V V_{DS}=-15V R_L=0.75Ω R_{GEN}=3Ω		12.5		ns
Turn-On Rise Time	t_r			19		
Turn-Off Delay Time	$t_{d(off)}$			125		
Turn-Off Fall Time	t_f			67		

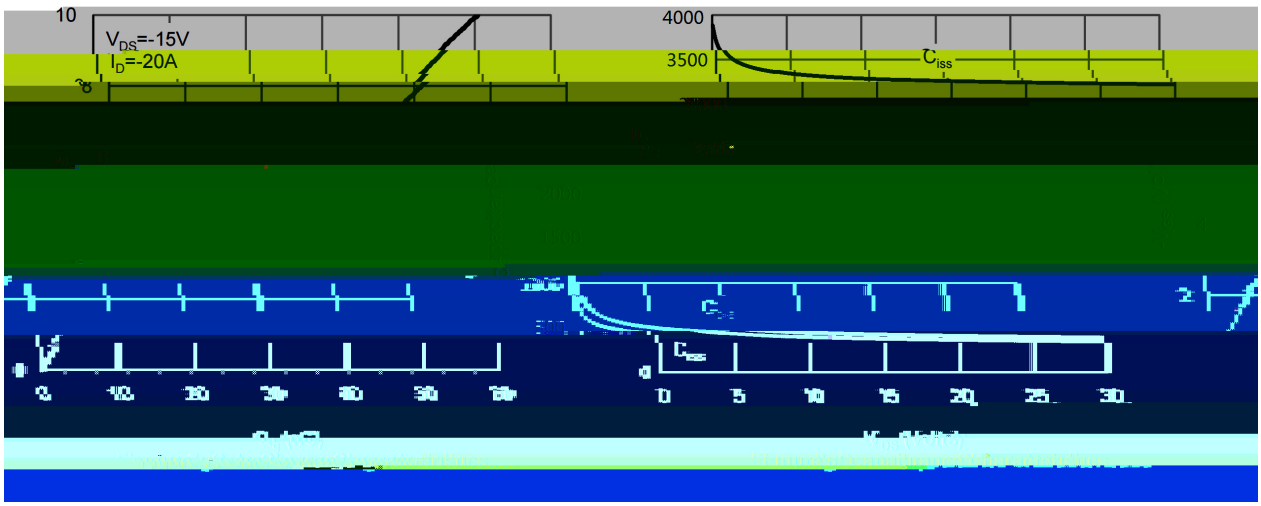


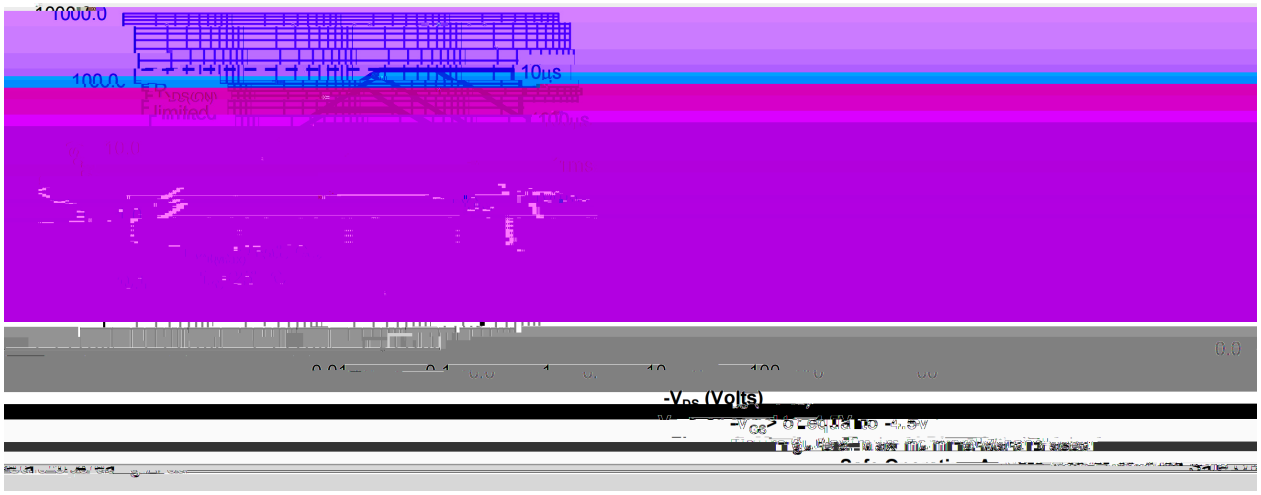


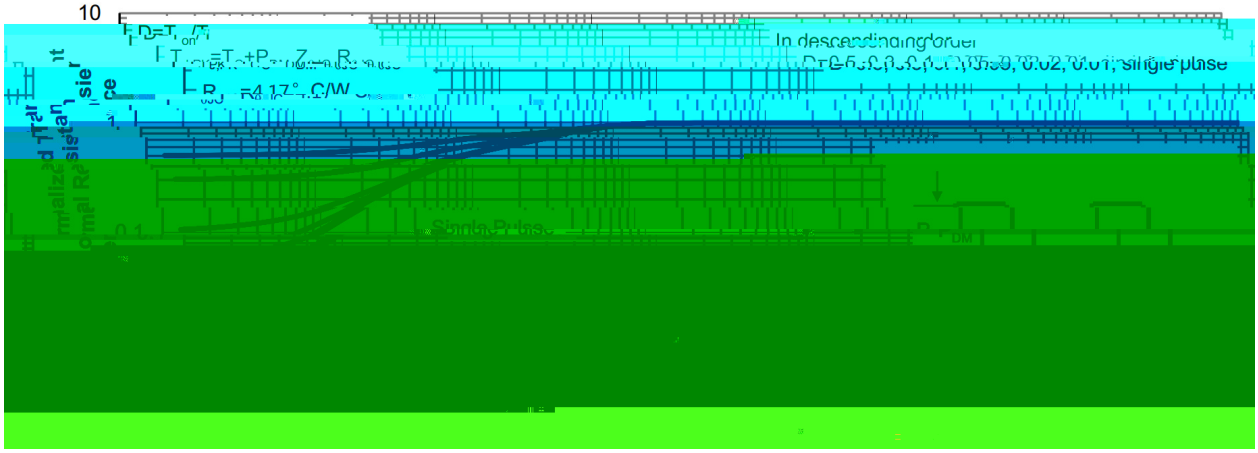


ode Characteristics Figure 5: On-Resistance vs. Gate-Source Voltage Figure 6: Body-Di

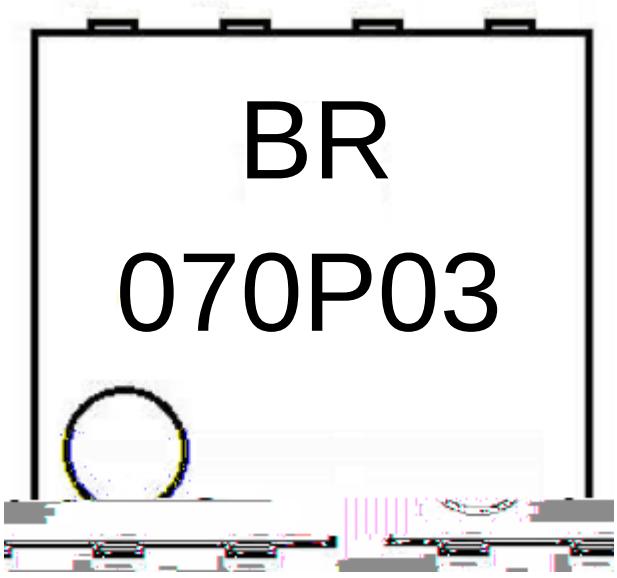
/


10
V_{DS}=-15V
I_D=-20A
4000
3500
C_{iss}


10µs
-V_{DS} (Volts)


10

Unit:r

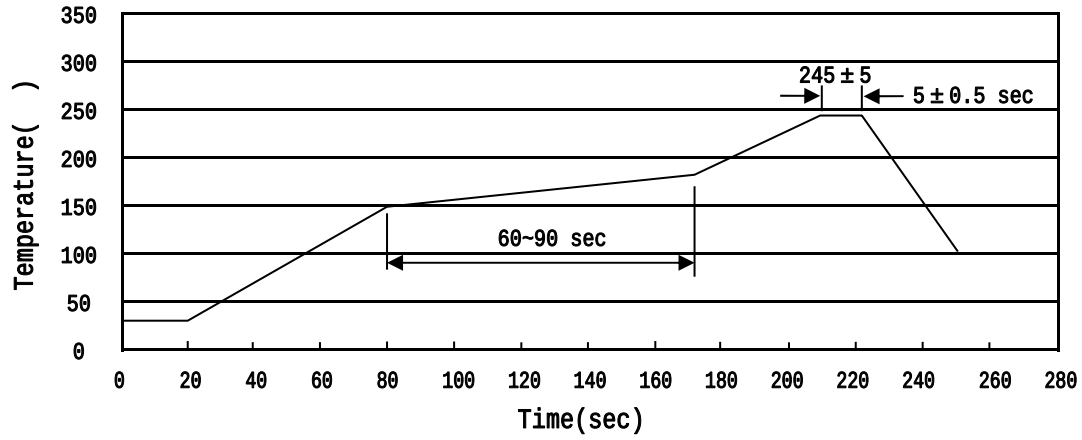


ِ ˝ χ	
BR χ	ѭ ϗ и Ґ
070P03 χ	ѭ ϳ N Ґ
---- χ	ѭ ӏ ғ ӈ N Ґ ӏ ҿ ӏ ғ ӈ N Ψ ҏ

Note:

BR:	Company Code
070P03:	Product Type Code
****:	Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ў 150 Ќ 180 ћ ı `H ڑ 60 Ќ 90sec;

2 Š Ө □ ў 245 ° 5 ћ ı `H ڑ `Y ʌ ѭ 5 ° 0.5sec;

3 ì ˙ ٧ ˛ ɔ ♣ ў ѭ 2 Ќ 10 ћ /sec.

Note:

1.Preheating:150~180 ћ , Time:60~90sec.

2.Peak Temp.:245 ° 5 ћ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ћ /sec.

□ ў χ 260 ° 5 ћ `H ڑ χ 10 ° 1 sec.

Temp.:260 ° 5 ћ Time:10 ° 1 sec

ɔ ` ץ Ь / REEL

Package Type	Units					Dimension		(unit mm³)
PDFN3×3A-8L	5,000	2	10,000	6	60,000	13 ×12	360×360×50	380×335×366