



Latvian text partially obscured by yellow bars

- IEXIGĪĒ  
 ÜöüçüḡM FJ { Çc^ ]D OXóú M FEX  
 ÜöüçüḡM GH { Çc^ ]D OXóú M IÉÍX
- F€€Ä Ççæ|æ}&@^ V^•c^å
- Ü^|æà|^ æ}â Ü~\*\*^å
- Pæ|[\*^} Ø|^æ}â Ö|^æ} Ö^ç&^• Ççæ|æà|^  
 ÇÜ[PÜ Ô[ { ]|æ}ç

- Û , ïc&@î} \* ÇE] ]|æ&çä[ }
- Ú[ , ^! Tæ}æ\*^ { ^}c~[! ÖÖ!ÖÖ
- Óæcc^!^ Ú:[c^&çä[ }

PÿŃ FJ€PÖ€IŠŮ ÝŸTÝÝÝÝÝ	
------------------------------	--

P[c^KPWÇÿŦ |^æâÉ-|^ ]:[â~&c• &[ ]çæâ} { [|âî} \* &[ { ]|^ }â•âîâ^ æccæ&@ { æc^|ææ|• æ}â F€€Ä { æcc^ çä} ]|æc^V^! { âÉ  
 Pæçä[ ]-â}â•@L , @â&@ æ|^ ^~||^ &[ { ]|æ}ç , ïc@ Ü[PÜÈPWÇÿŦ |^æâÉ-|^ ]:[â~&c• { ^c [ | ^ç&^å ç@^ |^æâÉØ|^ ^~â|^É  
 { ^}c [ ~ ÜÖ!RÖÖÖÖ RÈUVÖÈ€€€ -[! TÛŠ &|æ••â-â&æçä[ } æc |^æâÉ-|^ ]^æ\ |^-|[ , c^ { ]|^æç|^ÉPWÇÿŦ â^â}^• %Ö|^æ}+  
 c [ { ^æ} |^æâÉ-|^ ÇÜ[PÜ &[ { ]|æ}çç æ}â @æ|[\*^} -|^æ ÇÓ! [! Ô! â|^• } [c ^ç&^å J€€] ] { à^ , ^î\*çâ} @ [ { [\*^} ^|^~  
 { æc^|ææ| æ}â ç [ çæ] [- Ó! æ}â Ô! â|^• } [c ^ç&^å Fí€€] ] { à^ , ^î\*çâ}ç

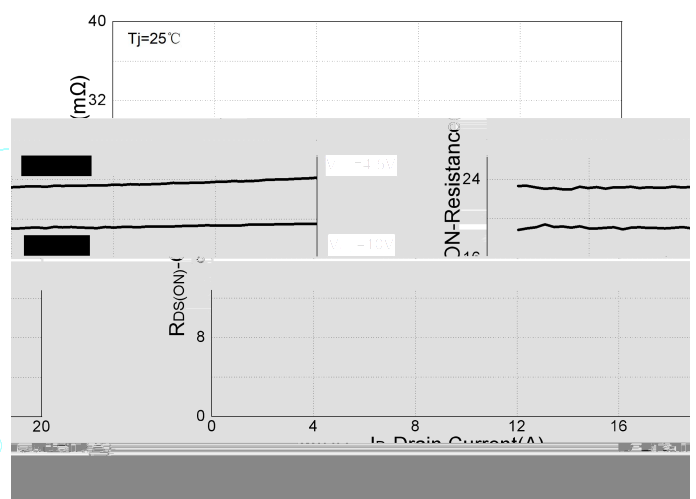
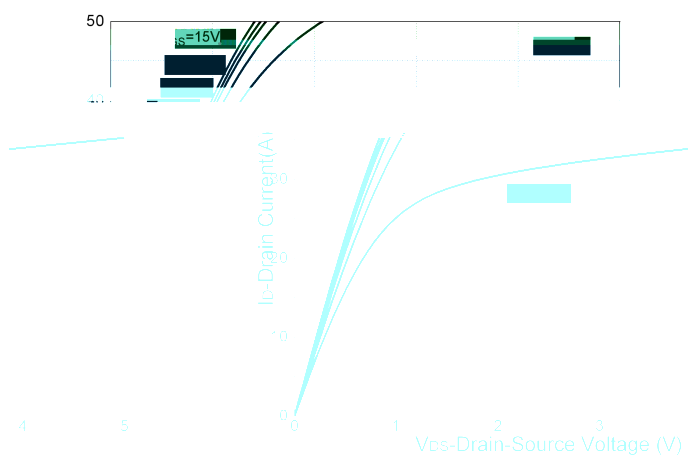
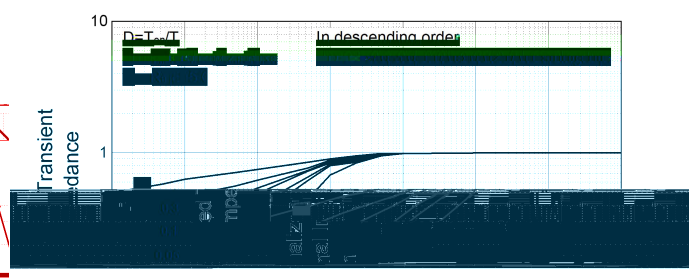
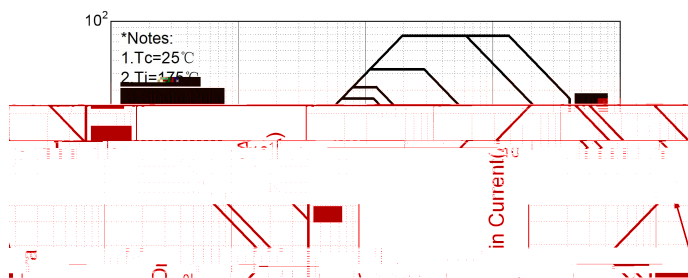
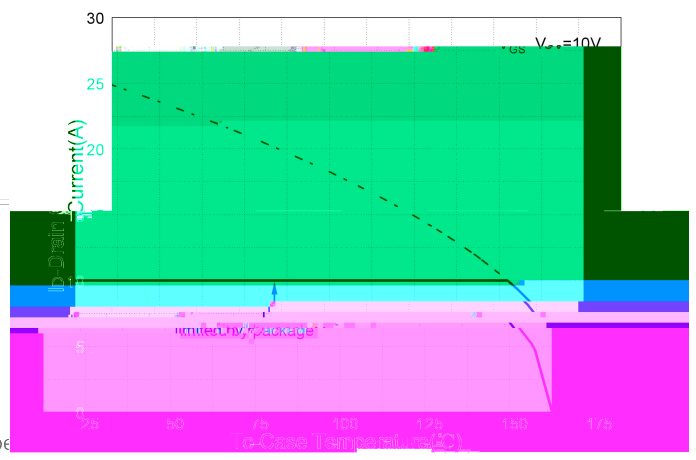
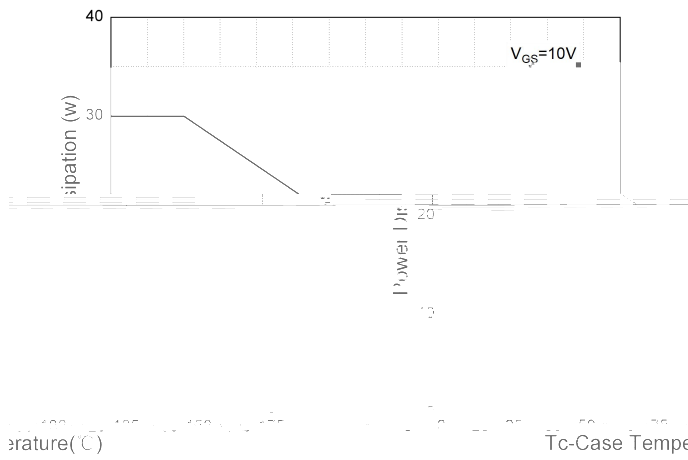
PWÇÿŦ |^•|^ç^• ç@^ |â\*çc [ { ç\^ &@æ} \*^•É &[ |!^&çä[ ]•É ^} @æ} &^ { ^}c•É { [âî-â&æçä[ ]•É æ}â â [ ]:[ç^ { ^}c [ ç@â• ]!  
 È[â~&c æ}âç [! c [ ç@â• â [ &~ { ^}c æc æ}^ {

ÇV&MGÍ»Ô W} ^•• Uc@^! , â•^ Þ[c^âD				
Xóúú	Ö!æä}ÈÙ[ ~!&^ X[ cæ*^	I€	X	
Xóúú	Õæc^ÈÙ[ ~!&^ X[ cæ*^	G€	X	
V <sub>R</sub>	R~}&cá[ ] V^ { ]^!æc~!^ Üæ} *^	Ěí í c[ Fí í	»Ô	
Vúvō	Ùc[!æ*^ V^ { ]^!æc~!^ Üæ} *^		»Ô	
Qú	Ù[ ~!&^ Ô~!!^}cĚÔ[ ]cá} ~ [ ~•çÓ[á^ Ôâ[á^D	V&MGÍ»Ô	GĪ	Ĉ
QóT	Ú~ •â Ö!æä} Ô~!!^}c E	V&MGÍ»Ô	Īì	Ĉ
Qō	Ô[ ]cá} ~ [ ~• Ö!æä} Ô~!!^}c	V&MGÍ»Ô	GĪ	Ĉ
		V&MF€€»Ô	Fì	Ĉ
Úō	Tæøá { ~ { Ú[ , ^! Öâ••â]æcá[ }	V&MGÍ»Ô	H€	Y
		V&MF€€»Ô	Fí	Y
Ü <sub>OR&amp;</sub>	V@^! { æ  Ü^•â•cæ}&^É R~ }&cá[ ]Ěc[ĚÔæ•^		í	»ÔÞY
Ü <sub>ORĚ</sub>	V@^! { æ  Ü^•â•cæ}&^É R~ }&cá[ ]Ěc[ĚĈ { àâ^}c EE		F€€	»ÔÞY
ÒĈÉÚ	Ùâ} * ^ Ú~ •âĚĈçæ æ}&@^ Ò}^! *^ EEE	ŠMĚF { P	Fì	{ R

Þ[c^K E Ü^]cáçç^!æcá} \* ]~|•^ , ââc@ |â { âc^â à^ { æøĚb~ }&cá[ ] c^ { ]^!æc~!^Ě  
 EE Ú~!-æ&^ { [ ~ }c^â [ ] Fâ}G ØÜĚI à[æ!âĚ  
 EEE Šâ { âc^â à^ V<sub>R</sub> { æøĚ •cæ!cá} \* V&MGÍ»ÔĚ Š M ĚF { PĚ ÜōM GĪ Xóú MF€X

ÇV& MGÍ»Ô W}|^•• Uc@^! , â•^ Þ[c^âD





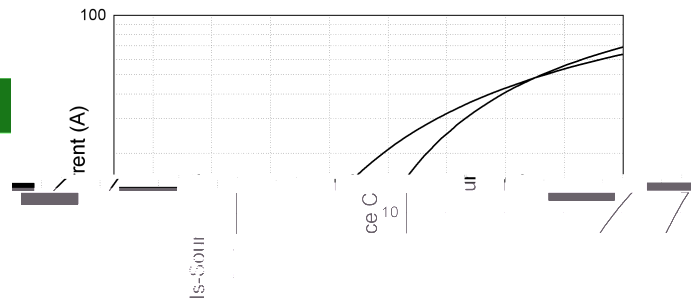
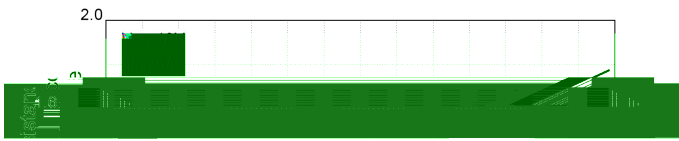


Figure 10: Drain Current vs. Gate Voltage (V)

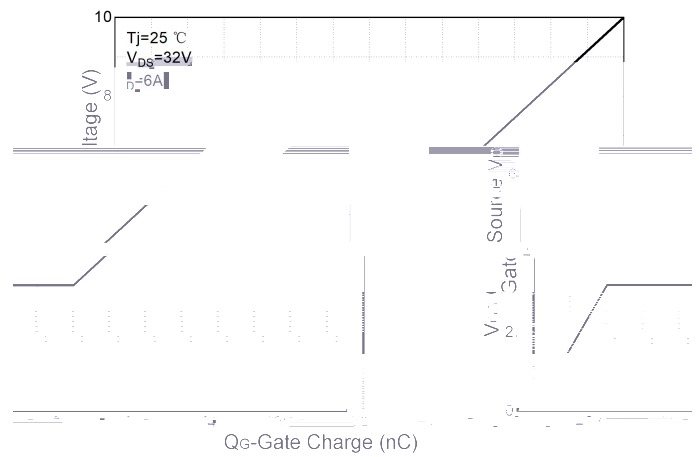
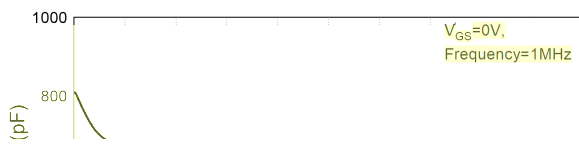
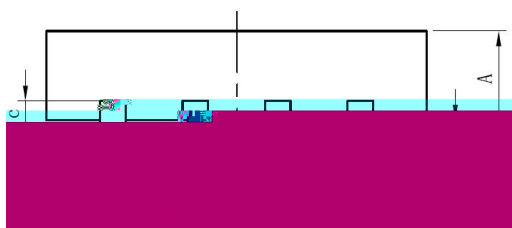


Figure 11: Gate Charge vs. Gate Voltage (V)



ÖØPİŞ HEH	Ü^Λ\	İ İ€€



ÜYΤΟΥŞ

CE  
CEF

ΤQŞŞQΤQΝQÜ

ΤQΡ  
€€İ€  
[ F

ΡUT  
€€İİ

ΤQÉY  
€€İ€

$V^{\wedge} \{ ]^{\wedge} \{ \} \}$   $\{ \hat{a} \}$   $\zeta V \cdot \{ i \} D$   
 $V^{\wedge} \{ ]^{\wedge} \{ \} \}$   $\{ \text{æ} \phi \}$   $\zeta V \cdot \{ \text{æ} \phi \} D$   
 $V \hat{a} \{ \wedge \zeta V \cdot \{ \hat{a} \} \}$   $c [ V \cdot \{ \text{æ} \phi \} D \zeta c \cdot D$   
 $\text{C} \zeta \wedge \{ \text{æ} \cdot \wedge \}$   $\{ ] \hat{E} \sim \}$   $\{ \text{æ} \phi \}$   
 $\zeta V \cdot \{ \text{æ} \phi \} [ V \cup D$   
 $\check{S} \hat{a} \sim \hat{a} \hat{a} [ \sim \cdot c^{\wedge} \{ ]^{\wedge} \{ \} \}$   $\zeta V \cdot \{ i \} D$   
 $V \hat{a} \{ \wedge \text{æ} \}$   $\{ \hat{a} \sim \hat{a} \hat{a} [ \sim \cdot \zeta c \}$   $\{ i \} D$

$F \in \in \gg \hat{O}$   
 $F \acute{I} \in \in \gg \hat{O}$   
 $\hat{I} \in \in \text{F} \text{G} \in \in \cdot \wedge \& [ \} \hat{a} \cdot$   
 $H \gg \hat{O} \cdot \wedge \& [ \} \hat{a} \{ \text{æ} \phi \}$   
 $F \grave{I} H \gg \hat{O}$   
 $\acute{I} \quad \text{Ä} \hat{O} \hat{O} \hat{O}$

$F \acute{I} \in \in \gg \hat{O}$   
 $G \in \in \gg \hat{O}$   
 $\hat{I} \in \in \text{F} \text{G} \in \in \cdot \wedge \& [ \} \hat{a} \cdot$   
 $H \gg \hat{O} \cdot \wedge \& [ \} \hat{a} \{ \text{æ} \phi \}$



Væà|^ FÈÙ}Úà Ò~c^&ci& Ú! [&^•• . Ô|æ••î-î&æci[] V^ { ]^!æc~!^• ÇV&D

GÉÍ { {	GHÍ »Ô	GG€ »Ô
~GÉÍ { {	GG€ »Ô	GG€ »Ô

Væà|^ GÈÚàÈ-|^ ^ Ú! [&^•• . Ô|æ••î-î&æci[] V^ { ]^!æc~!^• ÇV&D

ŁFÈÎ { {	GÎ€ »Ô	GÎ€ »Ô	GÎ€ »Ô
FÈÎ { { . GÉÍ { {	GÎ€ »Ô	GÎ€ »Ô	GÍÍ »Ô
GÉÍ { {	GÍ€ »Ô	GÍÍ »Ô	GÍÍ »Ô

ÙUŠÖÙŒÉÓŠŮVŸ	RÒÙÖÈGGÉ ÓF€G	Í Ù^&È GÍÍ »Ô
PVÜÓ	RÒÙÖÈGGÉ ŒF€Ì	FÎÌÞÍ€€ P!•È Óîæ• O FÍ€»Ô
PVŌÓ	RÒÙÖÈGGÉ ŒF€Ì	FÎÌÞÍ€€ P!•È X•F€€Ä O FÍ€»Ô
ÚÓV	RÒÙÖÈGGÉ ŒF€G	JÎ P!•È F€€ÄÜPÈ Gæc { È FGF»Ô
VÓV	RÒÙÖÈGGÉ ŒF€I	GÍ€ÞÍ€€ Ô^& ^•È ÈÍÍ »ÔdFÍ€»Ô

Y [|!â , îâ^ Ùæ|^• æ}â Ù^!çî&^K •æ|^•O@^ { ^çæÈ&[ {  
V^&@}î&æ| Ù~ ] ]!çK V^&@} ] ]! \*^O@^ { ^çæÈ&[ {  
P~æ^î Tî&! [^|^ç![] î&• Ô[ÈÈ ŠcáÈ  
P[ÈÌ JGìÈÙ@æ} \*bî Ù[æáÈÔ&[] ] { î&æ}â V^&@} ] ]! \*î&æ| Ö^ç^![] { ^}c Z[] ^ÈÝîæ}ÈÔ@î}æ  
VÒŠK çìîÈ€GJD ìîîîîî€ì  
ØŒÝK çìîÈ€GJD ìîîîîî€ì  
ÒÈ { æîK •æ|^•O@^ { ^çæÈ&[ {  
Y^à }^ç , , È@^ { ^çæÈ&[ {