



% &

7 + 5 8 % &

3 1 3 * H Q H U D O 3 X U S R V H \$ P S O L I L H U

) H D W X U H V

" & D S D E O H R I : D W W V 3 8 Z H U ' L V V L S D W L R Q

" & R O O H F W R U F X U U H Q W \$

" & R O O H F W R U E D V H 9 R O W D J H

" (S R [\ P H H W V 8 / 9 I O D P P D E L O L W \ U D W L Q J

" + D O R J H Q I U H H D Y D L O D E O H X S R Q U H T X H V W E

" O R L V W X U H 6 H Q V L W L Y L W \ / H Y H O

" ' H Y L F H O D U N L Q J

% &	\$
% &	%
% &	&

v 0 D [L P X P 5 D W L Q J

, W H P	6 \ P E R O	8 Q L W	9 D O X H
& R O O H F W R U (P L W W H U 9 R O W D J H	& (2	9	9
(P L W W H U ± % D V H 9 R O W D J H	9 (% 2		9
& R O O H F W R U & X U U H Q W	&	P \$	
& R O O H F W R U ' L V V L S D W L R Q	3 &	P :	
2 S H U D W L R Q - X Q F W L R Q 7 H P S H U D W X U H		-	W R
6 W R U D J H 7 H P S H U D W X U H	7 v w j	-	W R
7 K H U P D O 5 H V L V W D Q F H) U R P - X Q F W L R Q 7 R \$ P E L H Q W :			

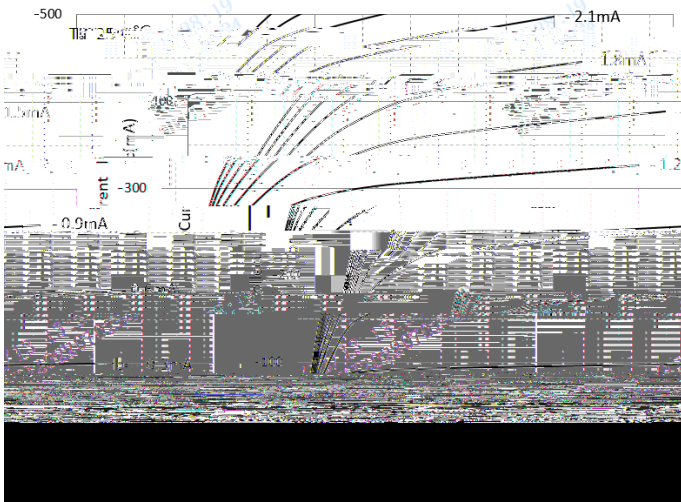
v 2 I I & K D U D F W H U L V W L F V

, W H P	6 \ P E R O	8 Q L W	& R Q G L W L R Q V	0 , 1	0 \$;
& R O O H F W R U (P L W W H U 9 R O W D J H			2 9 P \$ G F ,	,	
& R O O H F W R U % D V H 9 R O W D J H	& % 2	9	9 & , X \$ G F ,		
(P L W W H U % D V H 9 R O W D J H	(% 2		9 (9 X \$ G F ,	,	
(P L W W H U E D V H & X W R I I & X U U H Q W		X \$ G F	9 (% 9 G F ,		
& R O O H F W R U E D V H & X W R I I & X U U H Q W			X , 9 G F , G F		9

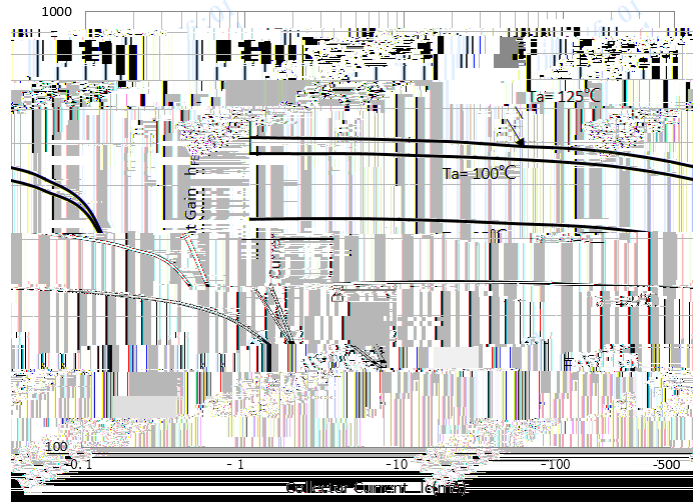


v & K D U D F W H U L S M F L D F O V

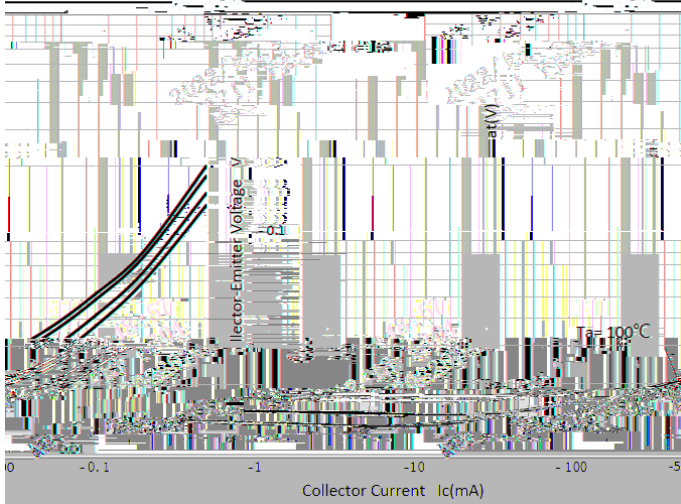
Static Characteristic



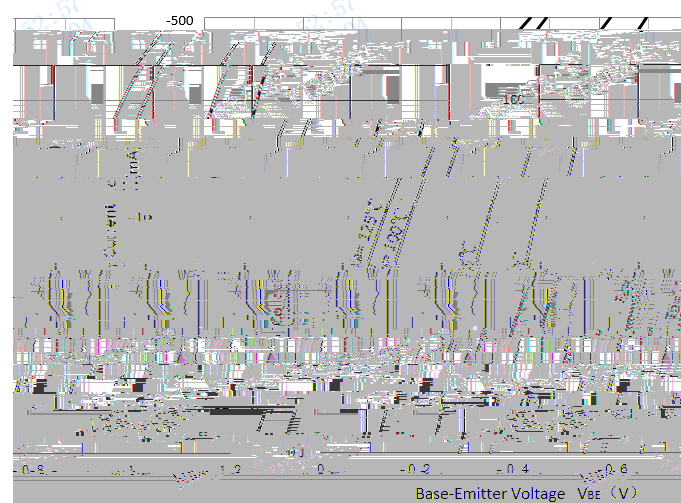
DC Current Gain



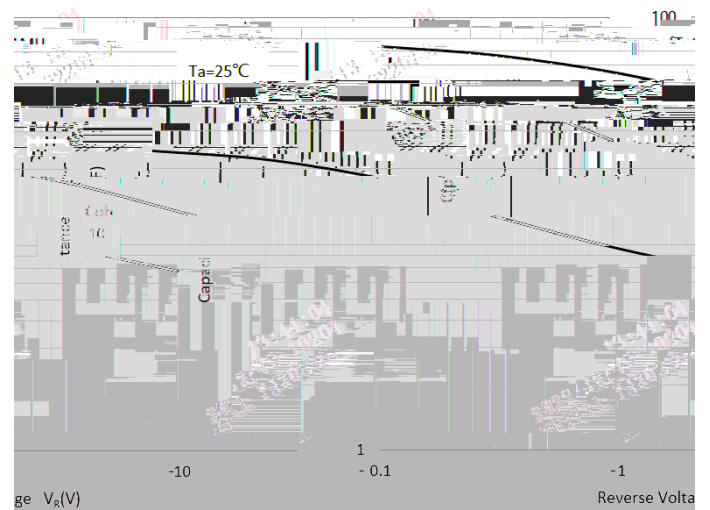
Collector-Emitter Saturation Voltage

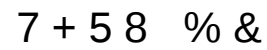


Base-Emitter On Voltage



$C_{ob}/C_{ib} - V_{CE}/V_{TE}$







% &

7 + 5 8 % &

'LVFODLPHU

7KH LQIRUPDWLRQ SURGXFWLQJ LQ WKH LQVWLWXWH RI WHOLESALE TRADING (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQJ HVZLWKRXWSKRLVURGXFWV GLWSOD\HG KHUHLQ WRGLPSURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLDFWURFEHTXVLSHQLWKRURGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHPDOOXQFHWGRQURHOLMDLGRVDDQFHU
PHGLFDO LQVWUXPHQWVITWLSQHSRUDWHURVSDXHOHDEKWLQDFWHUOFRQQWURGHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKDOI OLVEXLWQRUWHUHQVREBJKHVHUV
RI VDOH

7KLV SXEOLFDWLRQ SXVSHUWIDGIDLQURUPDWSRQLSGHYLURXVGLWLRQDO LQWHUPDWLR