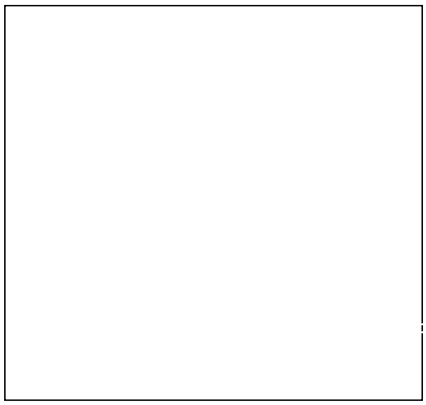

&RROHFWRU %DVH 9ROWDJH	9
&RROHFWRU(PLWWHU 9ROWDJH	9
(PLWWHU %DVH 9ROWDJH	9
&RROOHFWRU &XUUHQW&RQWLQX RXV	$
&RROHFWRU 3RZHU 'LVVLSDWL	:
7KHUPDO 5HVLVWDQFH-XQFWLRQ WR $PELHQW	/ :
-XQFWLRQ7HPSHUDWXUH	/
6WRUDJH 7HPSHUDWXUH	/

Collector-base breakdown voltage	V(BR)CBO				9
Collector-emitter breakdown voltage	V(BR)CEO				9
Emitter-base breakdown voltage	V(BR)EBO			9	
Collector cut-off current	,& % 2	9&% 9 (,		—$	
Collector cut-off current	,& (2	9&(9 %		—$	
Emitter cut-off current	,(% 2				
DC current gain	K) (	$CE=5V, $C=1A			
	K) (	$CE=5V, $C=200mA			
	K) (	$CE=5V, $C=10mA			
	K) (	9&(9 &, $			
Collector-emitter saturation voltage	VCE(sat)(1)			9	
				9	
				9	
				9	
Base-emitter saturation voltage	VBE(sat)			9	
Diode forward voltage	9) (&	&$		9	
Transition frequency	I7	$CE=10V, $C=0.5A,f=1MHz	5	0 +]	
Rise time	W	$C=250mA			
Storage time		$C=250mA		— V	
Fall time	W	$C=250mA			