

G5S06508QT

V A

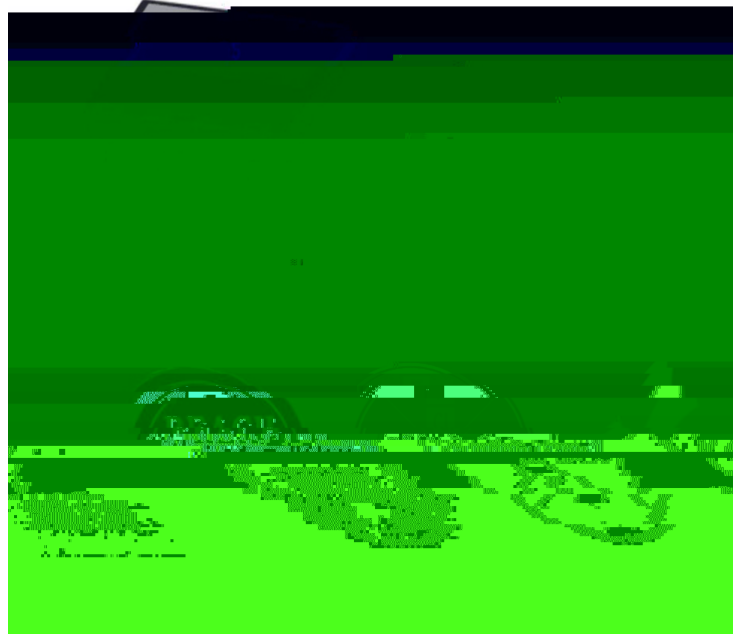
V_{RRM}		V
I_F, T_c		A
Q_c		nC

-
-
-
-

-
-

(SMPS)

(PFC)



G5S06508QT	DFN8* 8	G5S06508QT

	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	$T_C=25$	44.9	A
		$T_C=125$	24.1	
		$T_C=163$	8	
	I_{FRM}	$T_C=25$, $tp=10ms$ Half Sine Wave $D=0.3$	40	A
	I_{FSM}	$T_C=25$, $tp=10ms$ Half Sine Wave	105	A
	P_{TOT}	$T_C=25$	238	W
		$T_C=110$	103	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	

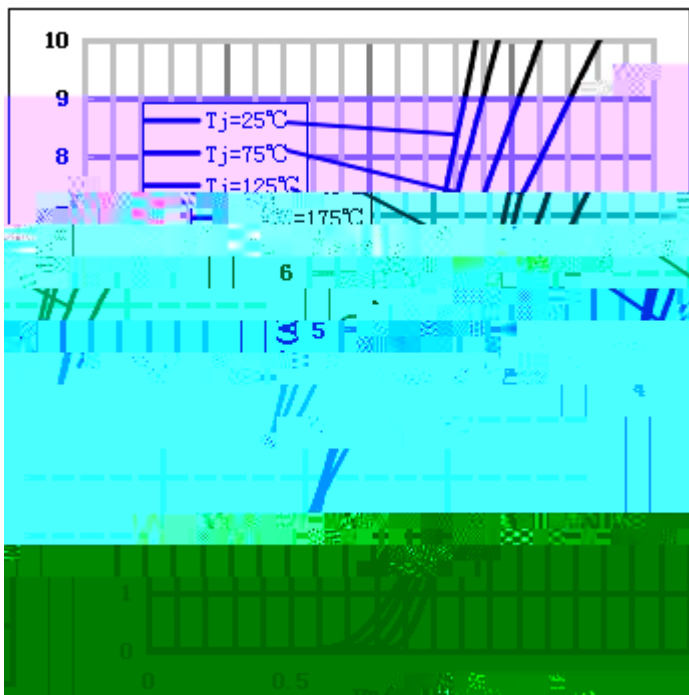
	R_{thJC}		0.63	ΔW

Tj

	V _F	I _F =8A, T _j =25	1.3	1.5	V
		I _F =8A, T _j =175	1.6	1.8	
	I _R	V _R =650V, T _j =25	0.25	50	μA
		V _R =650V, T _j =175	1.5	100	
	Q _C	V _R =400V, T _j =150 = ∫ ₀ ()	29	-	nC
	C	V _R =0V, T _j =25, f=1MHZ	550	588	pF
		V _R =200V, T _j =25, f=1MHZ	60	65	
		V _R =400V, T _j =25, f=1MHZ	59	61	

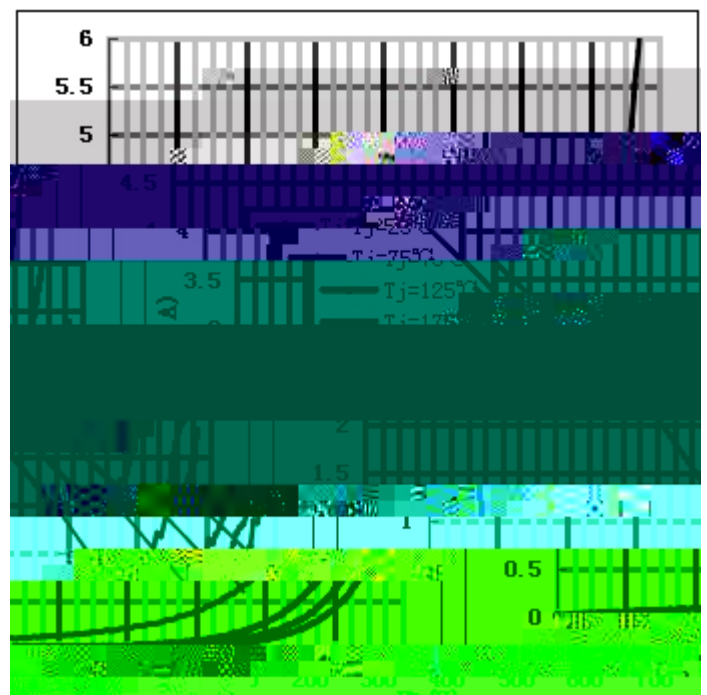
1)

I_F=f(V_F) T_j

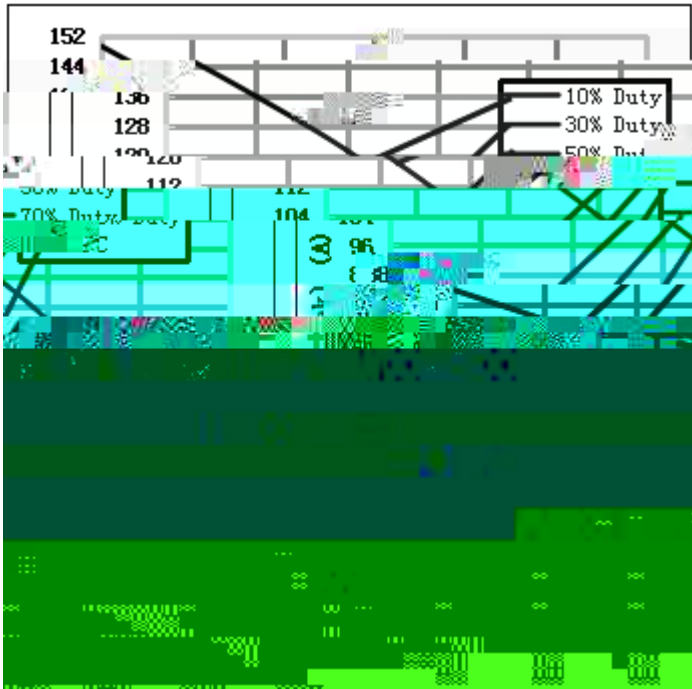


2)

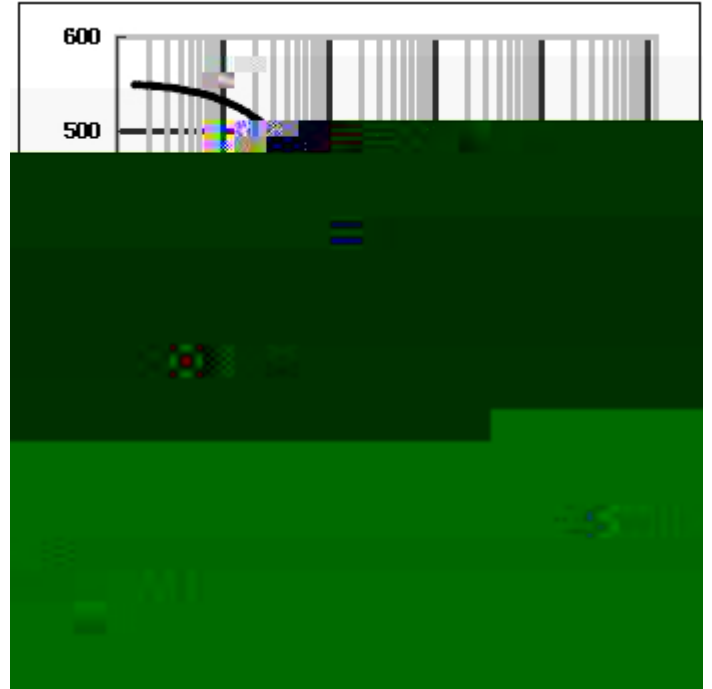
I_R = (I_R) T



3) C D
10% 30% 50% 70% DC



4) -



DFN

