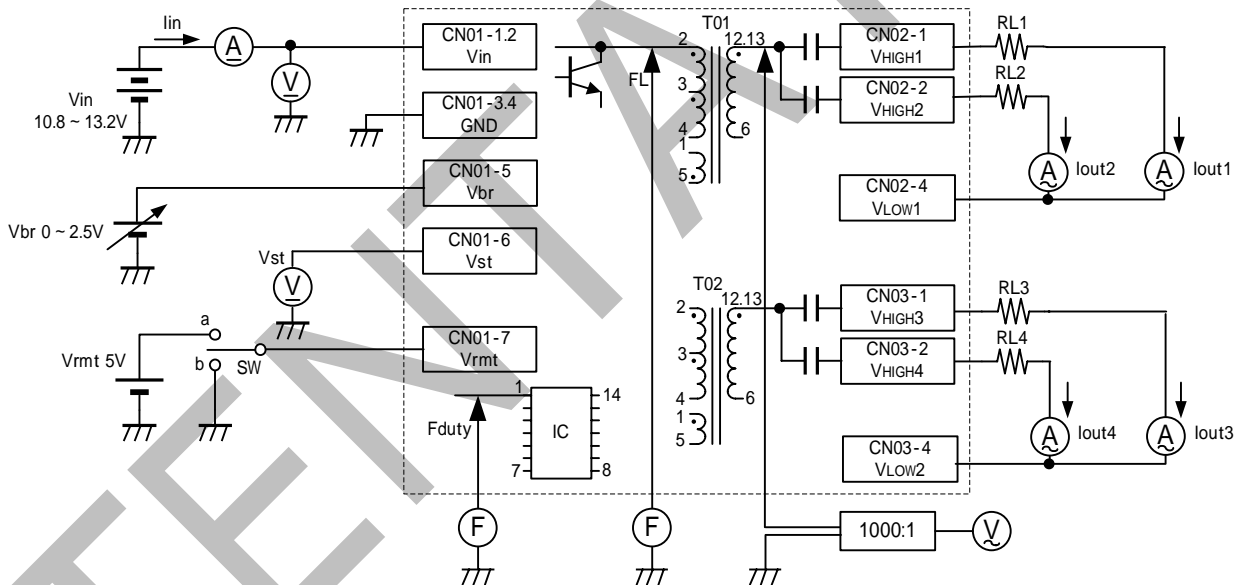


CXA-0453 (13W QUAD OUTPUTS WITH DIMMING FUNCTION)

ELECTRICAL CHARACTERISTICS:

Parameters	Symbol	Condition					Specifications			Unit
		Vin(V)	Vrmt(V)	Vbr(V)	Ta()	RL1 ~ 4(k)	MIN.	TYP.	MAX.	
Output current (Brightness max.)	Io1 ~ 4	10.8 ± 0.05	5 ± 0.05	0	23 ± 5	90	5.5	6.0	6.5	mArms
		13.2 ± 0.05	5 ± 0.05	0	23 ± 5		5.5	6.0	6.5	
Output current (Brightness min.)	Io1 ~ 4	10.8 ± 0.05	5 ± 0.05	2.5 ± 0.05	23 ± 5		2.0	3.0	4.0	
		13.2 ± 0.05	5 ± 0.05	2.5 ± 0.05	23 ± 5		2.0	3.0	4.0	
Input current 1	Iin1	10.8 ± 0.05	5 ± 0.05	0	23 ± 5		-	(1500)	TBD	mA
Input current 2	Iin2	10.8 ± 0.05	0	0	23 ± 5		-	0	20	
Frequency	FL	12.0 ± 0.05	5 ± 0.05	0	23 ± 5		50	55	60	kHz
Frequency(duty)	Fduty	12.0 ± 0.05	5 ± 0.05	2.5 ± 0.05	23 ± 5		250	270	290	Hz
Open voltage	Vopen	10.8 min.	5 ± 0.05	0	23 ± 5		1500	(1600)	-	Vrms
Warning Signal	Vst	10.8 min.	5 ± 0.05	0 ~ 2.5	23 ± 5		90	4.5	5.0	5.5
						∞(One or more of RL1 ~ 4)	4.5	5.0	5.5	
						90	-	0	0.5	

Test circuit:



Remote terminal circuit (Reference)

