SECONDARY CHOPPER REGULATOR FOR VTR (セカンダリーチョッパーレギュレータ)

Family シリーズ名	Constitution 構成	Maximum Rating 最大定格 Vin(DC) max V	Tc max ℃	Tstg ℃	Type No 機種	Output1 Vo V	Output1 Io Av A	Output1 Io Pk A	Output2 Vo V	Output2 Io Av A	Output2 Io Pk A	Frequency 周波数	Equivalent 等価回路	Application 応用回路	Package 外形図
STK 7210	Chopper+Series (Out2) (Out1)	50	+105	-30 ～ +105	STK7216S	9.0	1.0	1.0	12.0	3.5	3.5	54	(1)	(1)	(1)
					STK7217	9.0	1.5	1.5	12.0	5.0	5.0	54	(1)	(1)	(1)
					STK7221	12.0	1.5	1.0	13.6	4.0	3.5	54	(1)	(2)	(1)
STK 7230	Chopper+Series (Out2) (Out1)	35	+105		STK7231	12.0	1.5	1.0	13.6	2.0	3.5	83	(2)	(3)	(2)
STK 7240	Chopper+Series (Out2) (Out1)	15	+105		STK7241	5.6	0.05	—	6.6	1.5	3.0	83	(3)	(4)	(2)

■ FEATURES

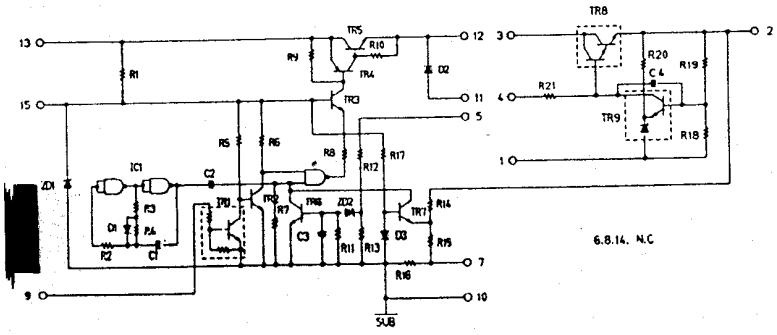
- Hi-activated output cutoff function(Chopper side)
- Indepent over current protection(Chopper side)
- Fixed oscillation type

■ 特 長

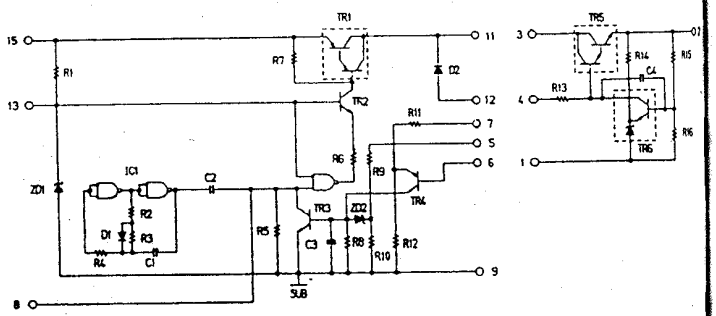
- チョッパー側はカットオフ機能付 (Hi-ON)/7210S
- チョッパー側は過電流保護機能内蔵
- 他励発振方式

■ EQUIVALENT CIRCUIT

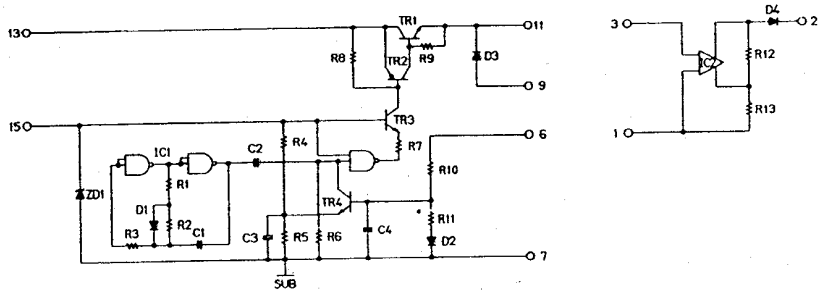
(1)



(2)

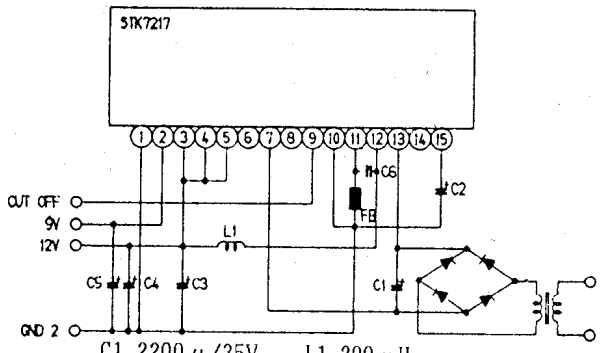


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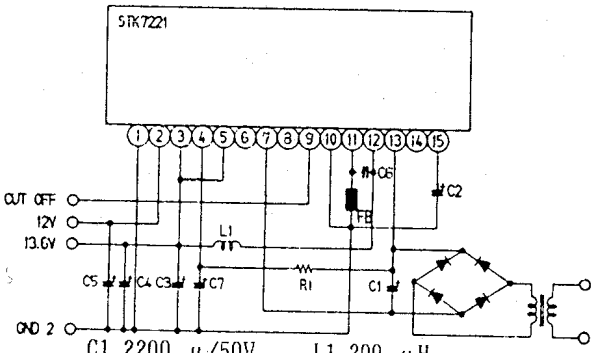
■ APPLICATION

(1)



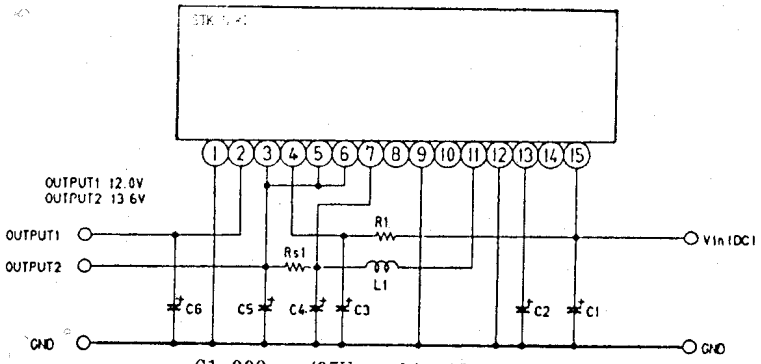
C1 2200 μ/35V
C2 22 μ/16V
C3 1000 μ/16V
C4 1000 μ/16V
C5 100 μ/16V
C6 1800P
L1 200 μH
FB Ferrite Beads Core

(2)



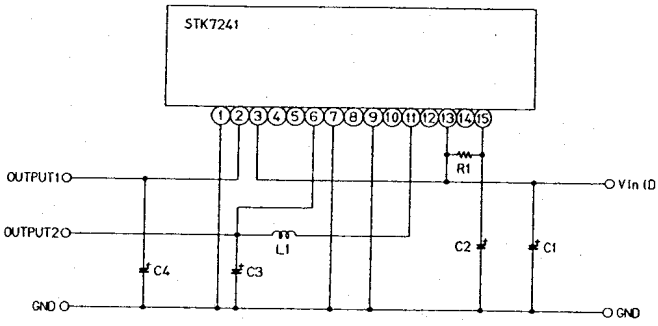
C1 2200 μ/50V
C2 22 μ/16V
C3 1000 μ/16V
C4 1000 μ/16V
C5 100 μ/16V
C6 1800P
C7 47 μ/35V
L1 200 μH
FB Ferrite Beads Core
R1 2K

(3)



C1 220 μ/35V
C2 1 μ/16V
C3 47 μ/35V
C4 100 μ/16V
C5 1000 μ/16V
C6 100 μ/16V
L1 150 μH
R1 2KΩ
Rs1 0.22Ω

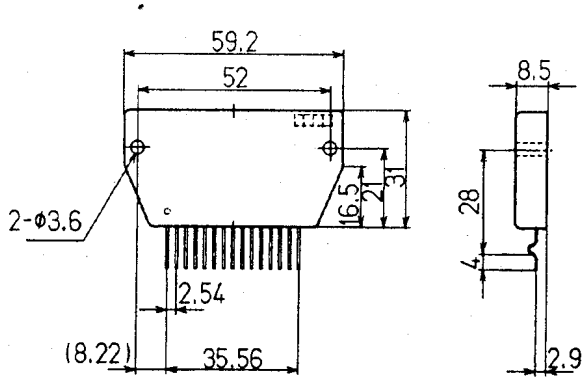
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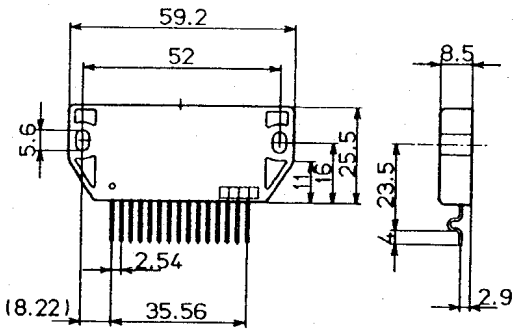
R1 390 Ω/1W
C1 220 μ/25V
C2 1 μ/16V
C3 470 μ/16V
C4 47 μ/10V
L1 180 μH

■ PACKAGE DIMENSION

(1)



(2)



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