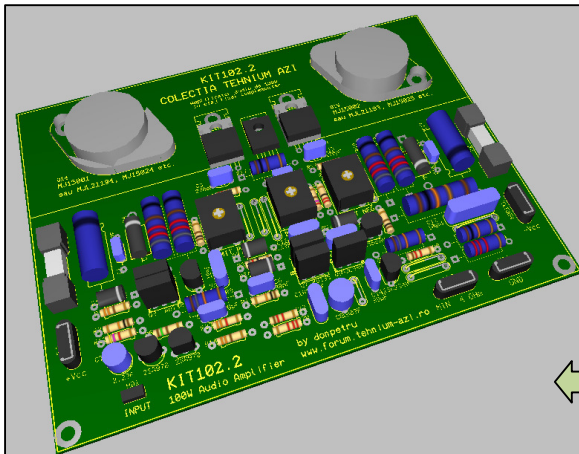
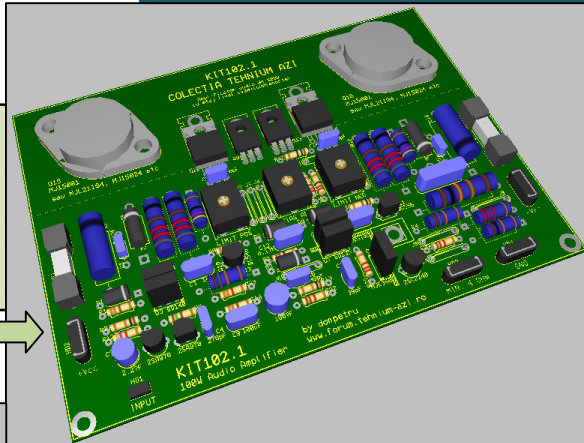


## KIT102

## KIT102.1

**Amplificator Audio Hi-Fi 100W  
cu etaj final cvasicomplementar**

*Topology – BJT Quasi-Complementary*



## KIT102.2

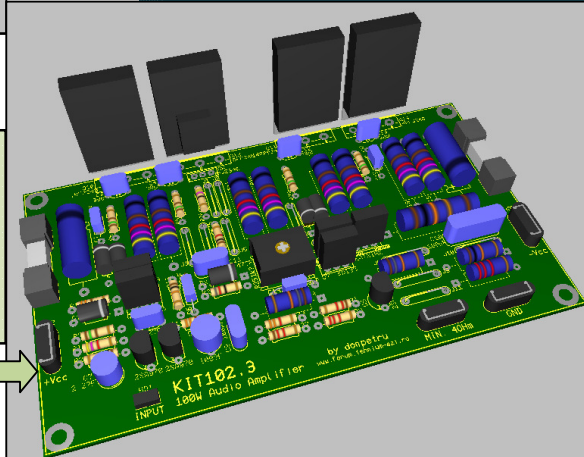
**Amplificator Audio Hi-Fi 100W  
cu etaj final complementar**

*Topology – BJT Emitter-Follower*

## KIT102.3

**Amplificator Audio Hi-Fi 100W  
cu etaj final MOS complementar**

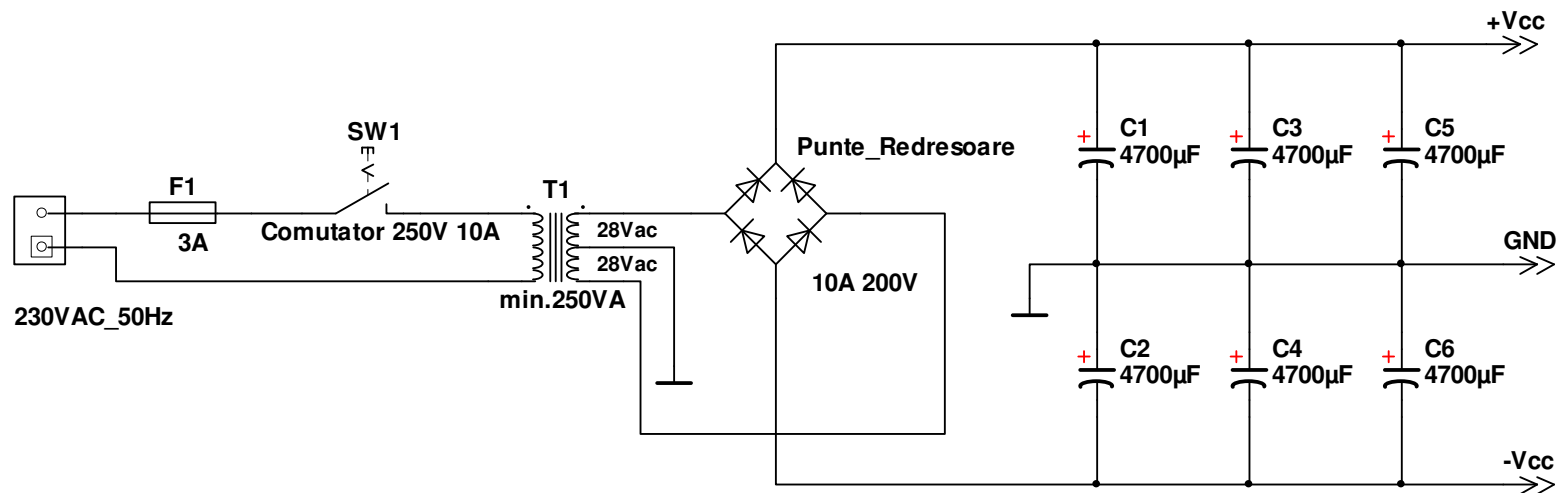
*Topology – MOSFET Emitter-Follower*



**Caracteristici tehnice** (a se vedea si valoarea curentului de mers in gol specificat in fiecare schema):

	Zin	Uin	Fin_sin	Ubias	+/-Ualim	Impedanta incinta Zload = 8 Ohm		Impedanta incinta Zload= 4 Ohm		SR	Randament
	[kOhm]	[Vef]	[kHz]	[V]	[Vdc]	P [W]	THD[%]	P [W]	THD[%]	[V/us]	[%]
KIT102.1	15	0,651	1	1,612	40	51,82	0,010	103,64	0,011	~51,28	56,35
KIT102.2				2,094		51,79	0,014	103,55	0,016		
KIT102.3				~6,755		51,78	0,015	103,56	0,017		

**Sursa de alimentare:**



**Obs!**

1. Valorile componentelor din schema sunt recomandate pentru alimentarea a doua montaje KIT102;
2. Tensiunile secundare ale transformatorului T1 sunt valori de functionare in sarcina;
3. Condensatoarele de filtraj vor avea tensiunea nominala de min. 50V (recomandat 63V).

# COLECTIA TEHNIIUM AZI

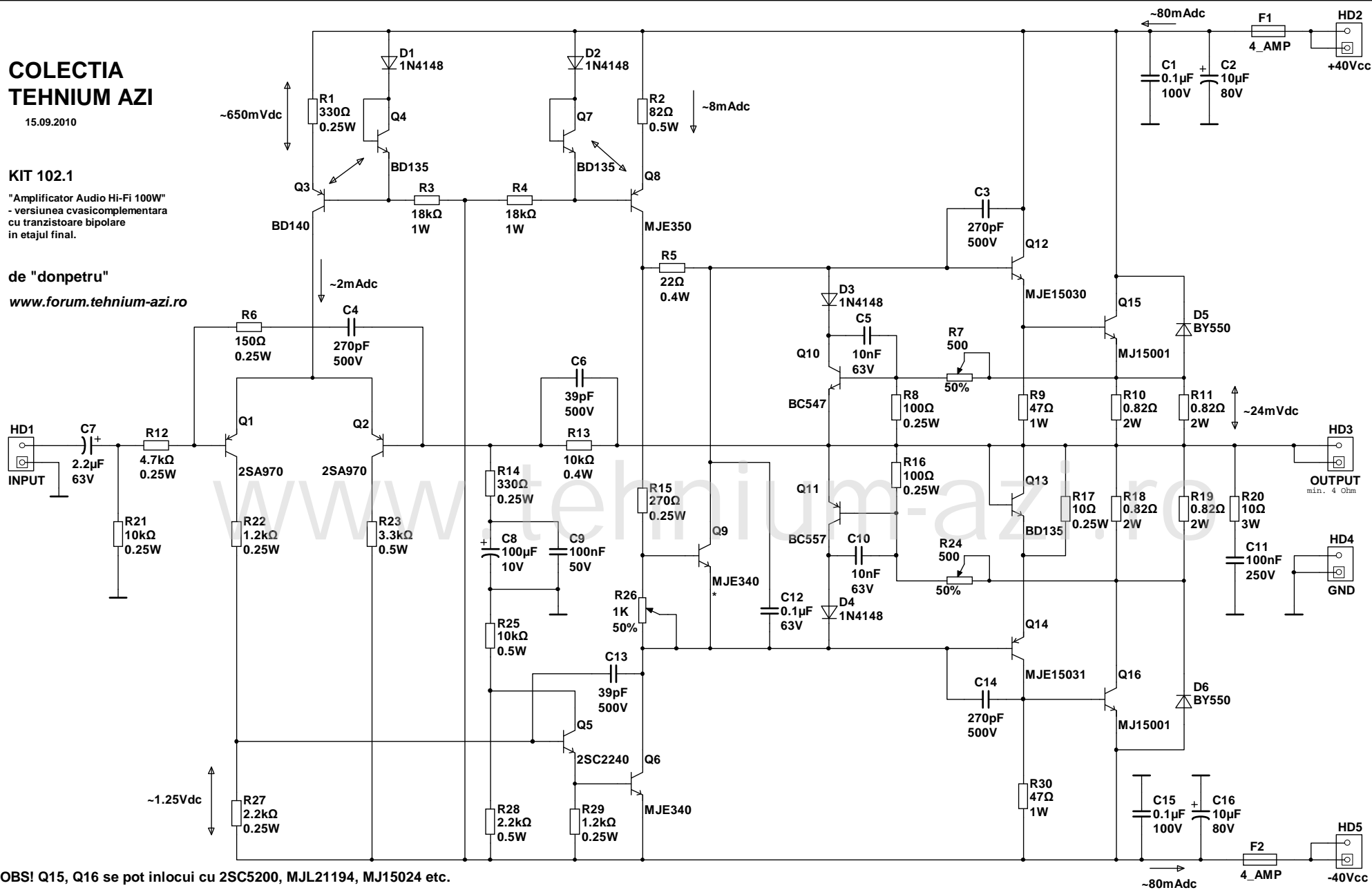
15.09.2010

## KIT 102.1

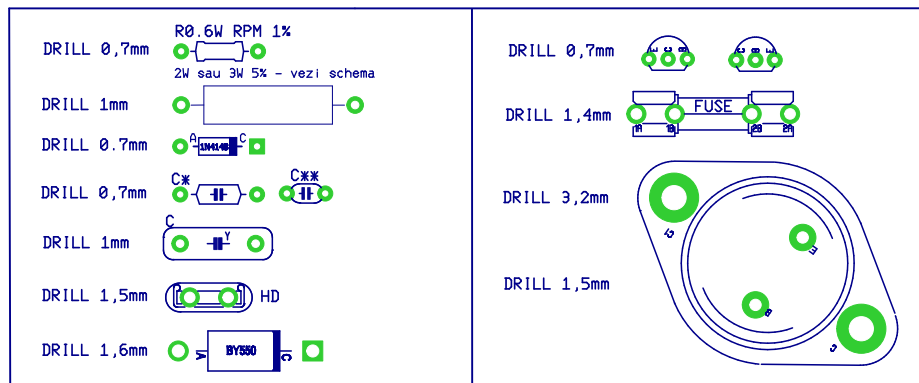
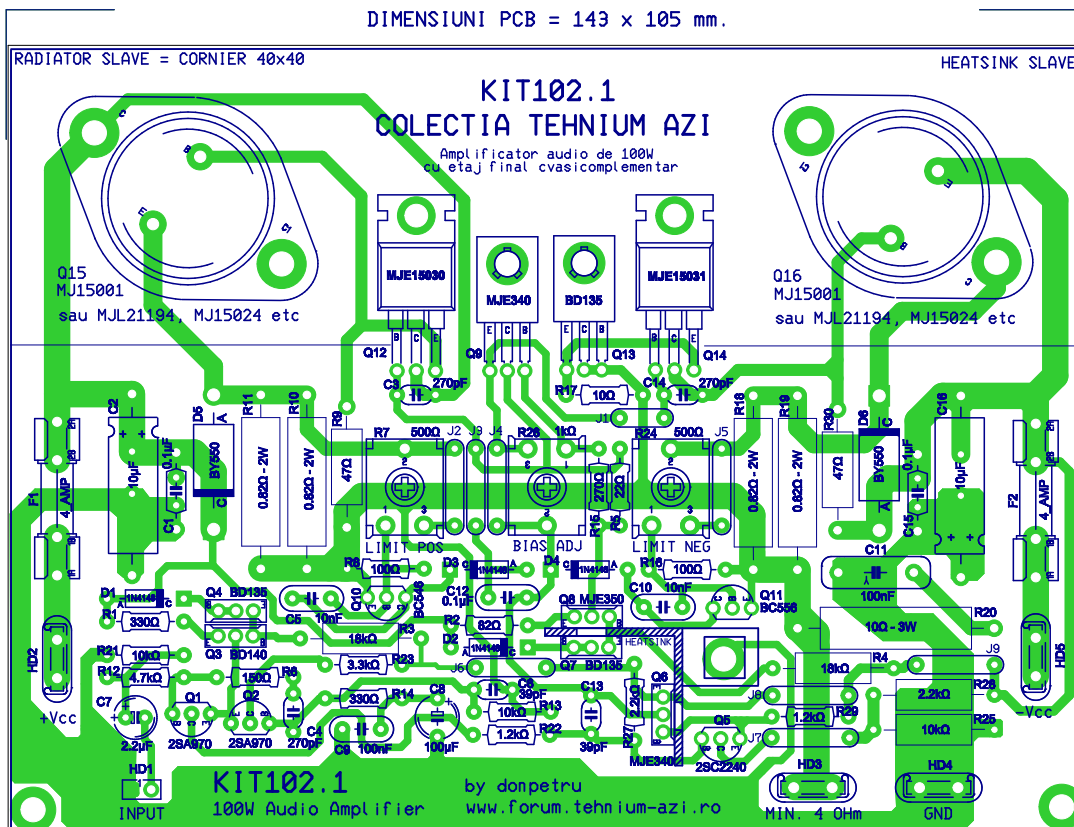
"Amplificator Audio Hi-Fi 100W"  
- versiunea cvasicomplementara  
cu tranzistoare bipolare  
in etajul final.

de "donpetru"

[www.forum.tehniium-azi.ro](http://www.forum.tehniium-azi.ro)



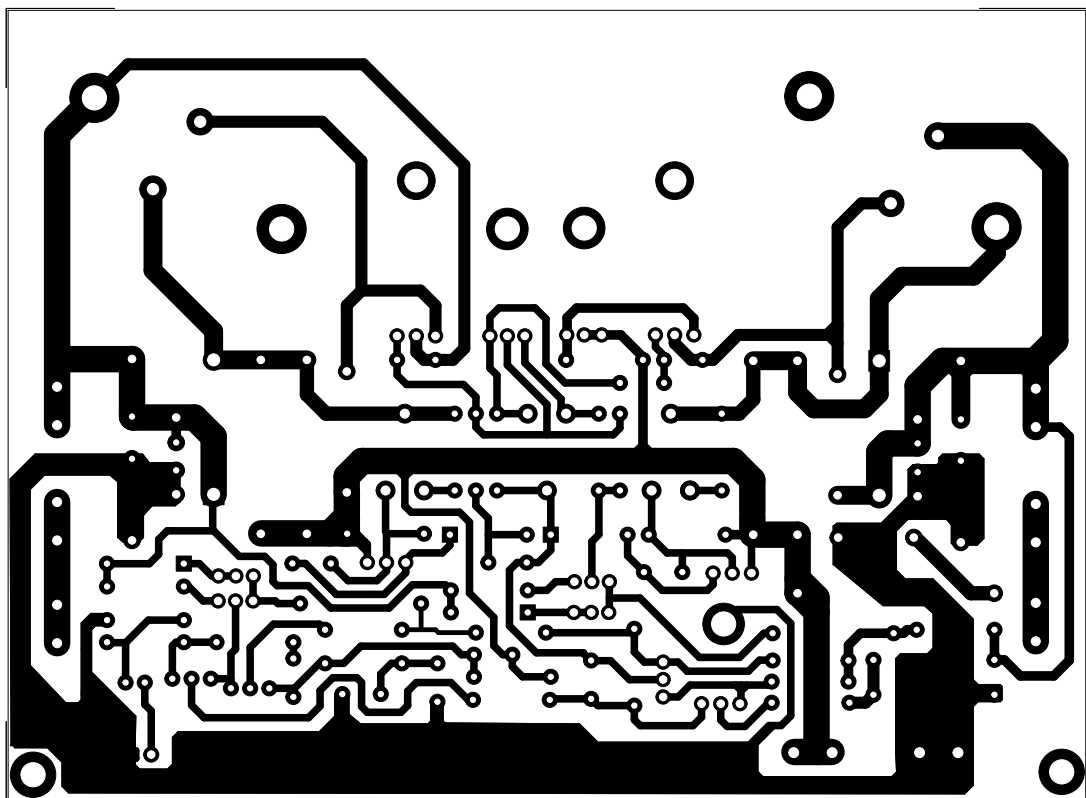
DIMENSIONI PCB = 143 x 105 mm.



ALL jumper DRILL 0.7mm  
SR DRILL 1,4mm

Other capacitors DRILL 0.7mm \* besides capsules displayed  
Other transistors DRILL 1mm \* besides capsules displayed





# COLECTIA TEHNIIUM AZI

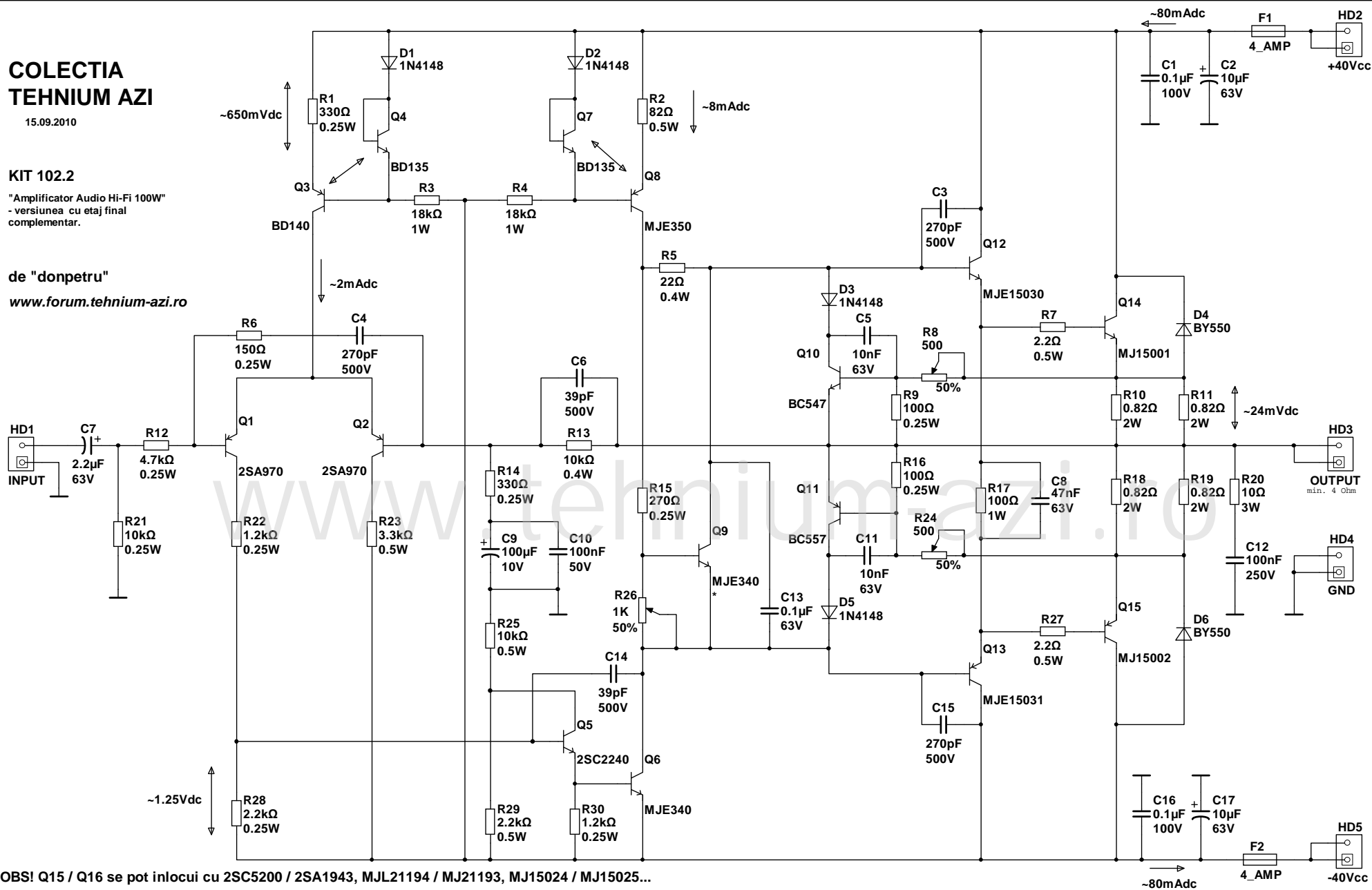
15.09.2010

## KIT 102.2

"Amplificator Audio Hi-Fi 100W"  
- versiunea cu etaj final  
complementar.

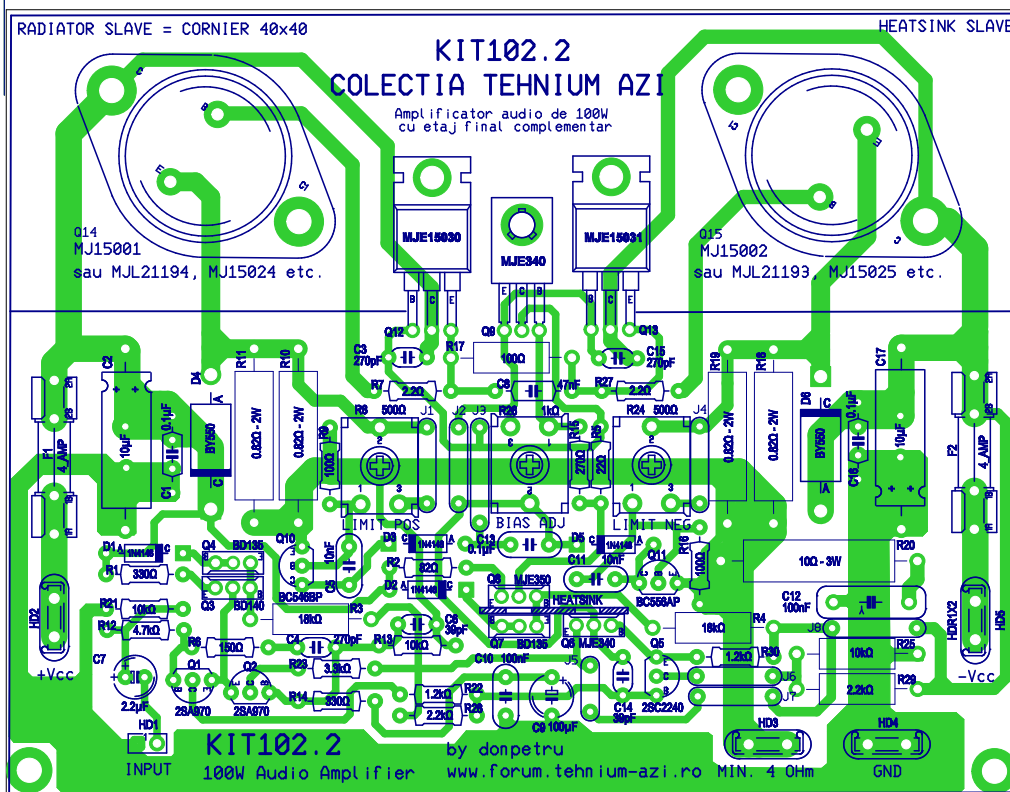
de "donpetru"

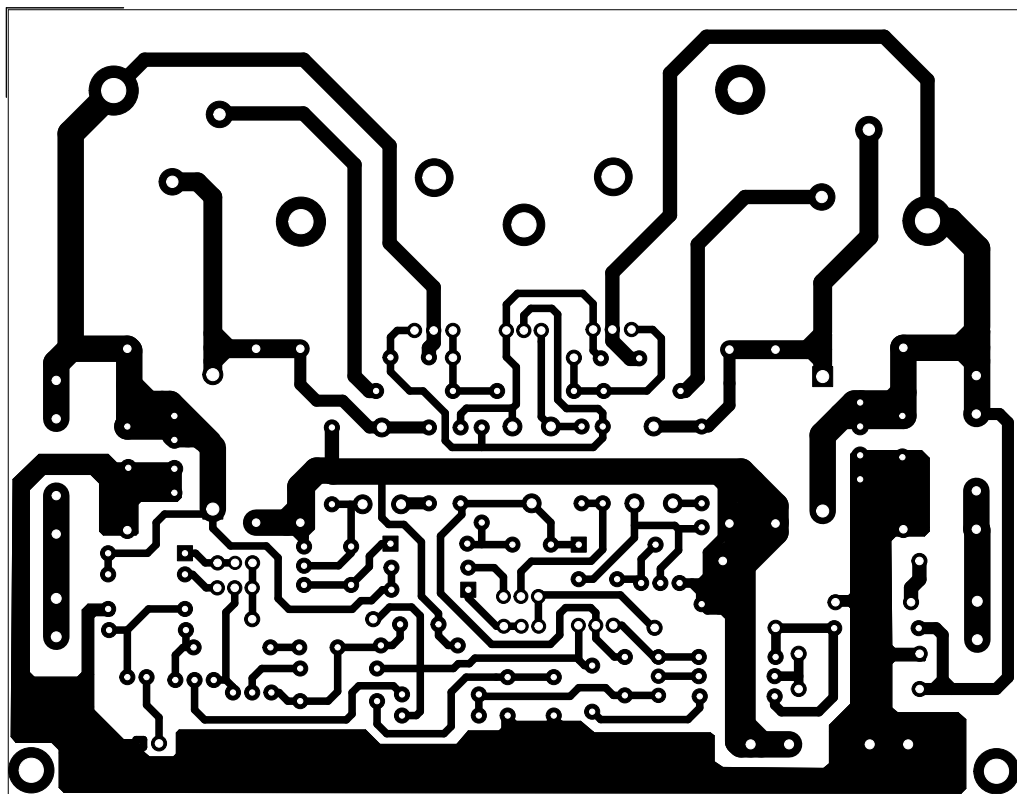
[www.forum.tehniium-azi.ro](http://www.forum.tehniium-azi.ro)





DIMENSIUNI PCB = 135 x 105 mm.







# COLECTIA TEHNIIUM AZI

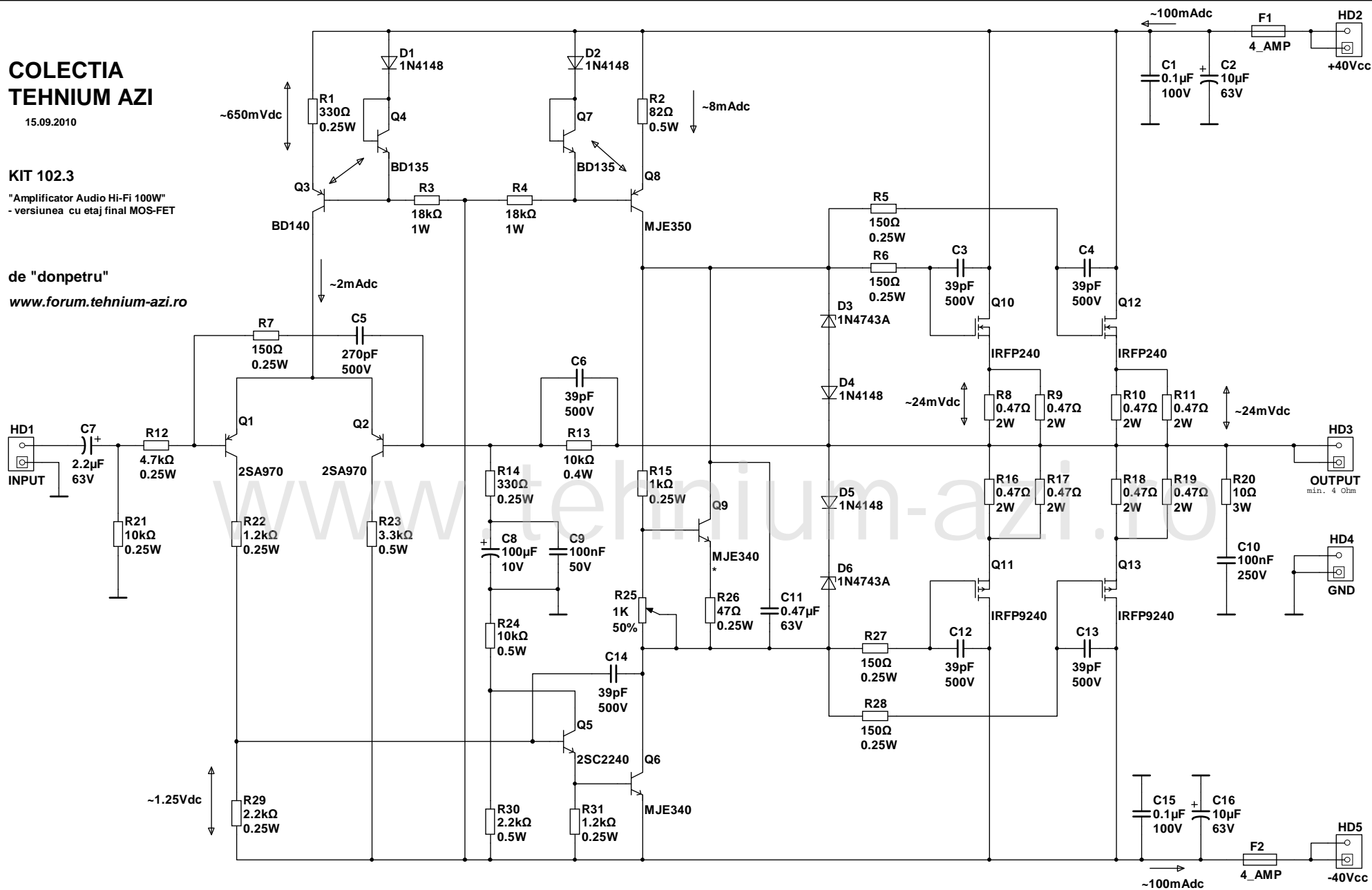
15.09.2010

## KIT 102.3

"Amplificator Audio Hi-Fi 100W"  
- versiunea cu etaj final MOS-FET

de "donpetru"

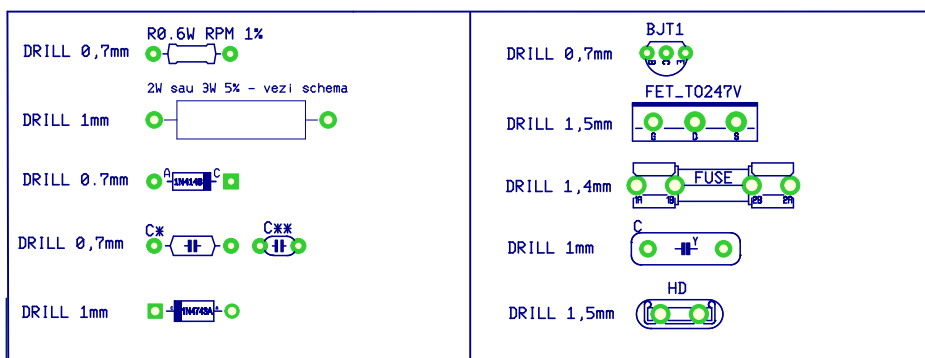
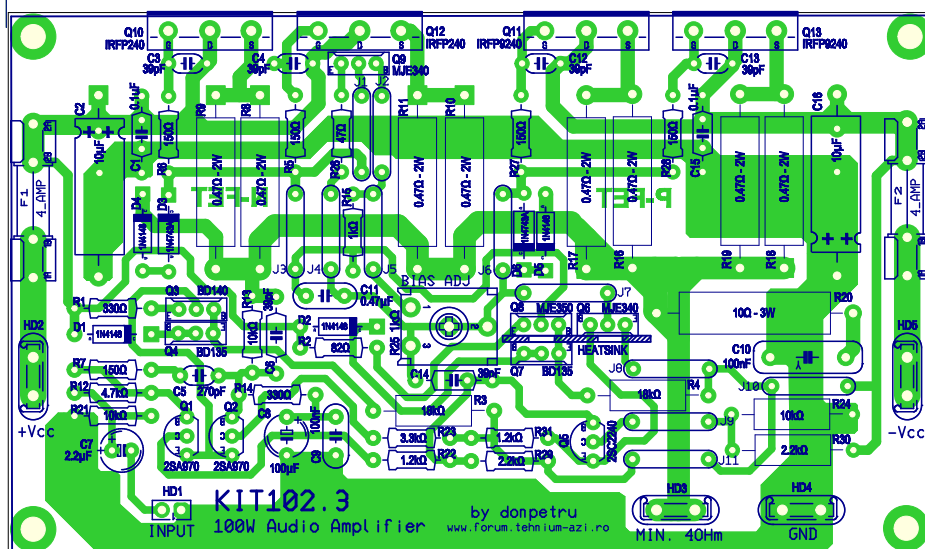
[www.forum.tehniium-azi.ro](http://www.forum.tehniium-azi.ro)





## COLECTIA TEHNIIUM AZI

DIMENSIUNI PCB = 123 x 72 mm.



All jumper DRILL 0.7mm  
SR DRILL 1.4mm  
Other capacitors DRILL 0.7mm \* besides capsules displayed



