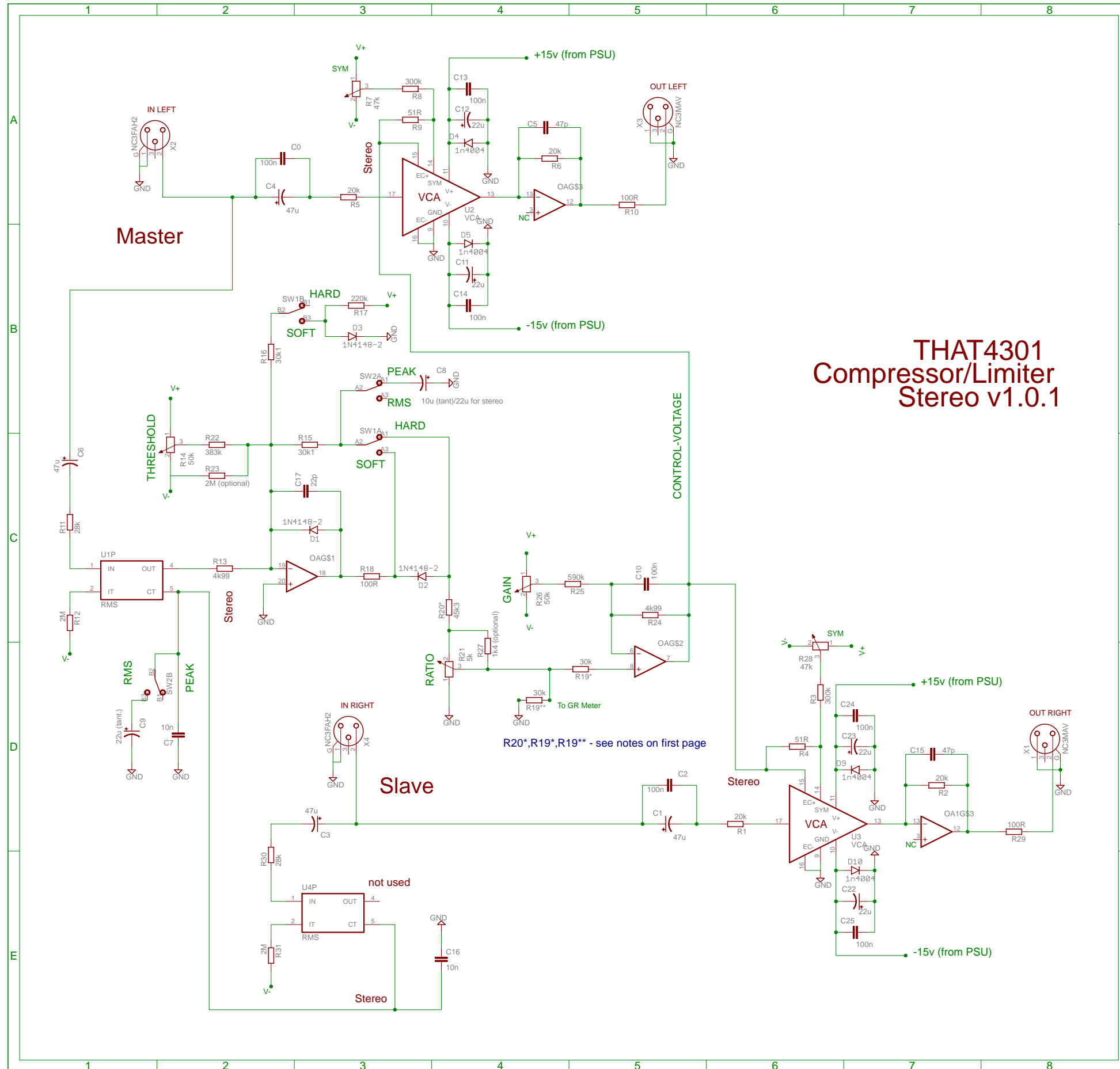
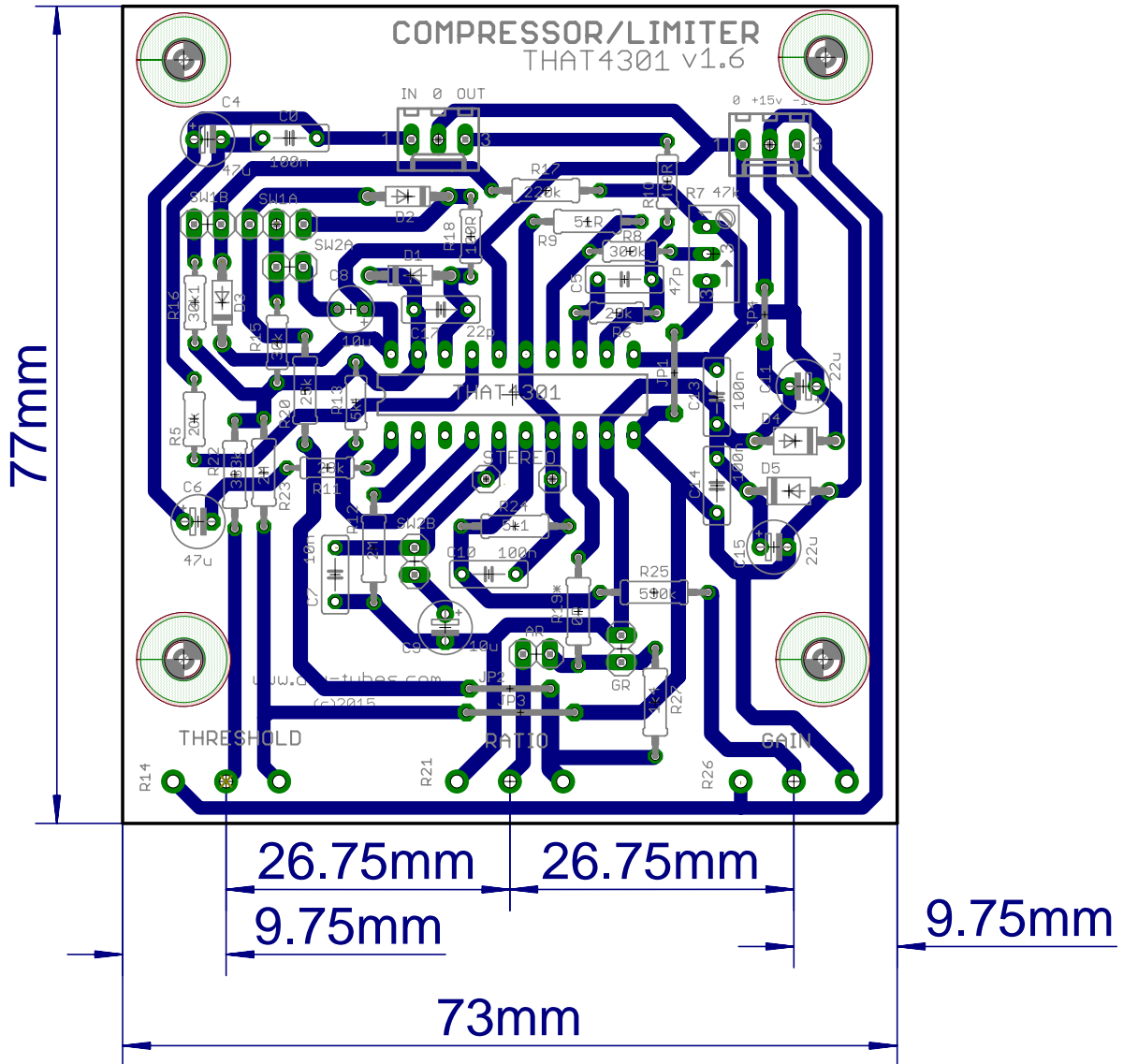


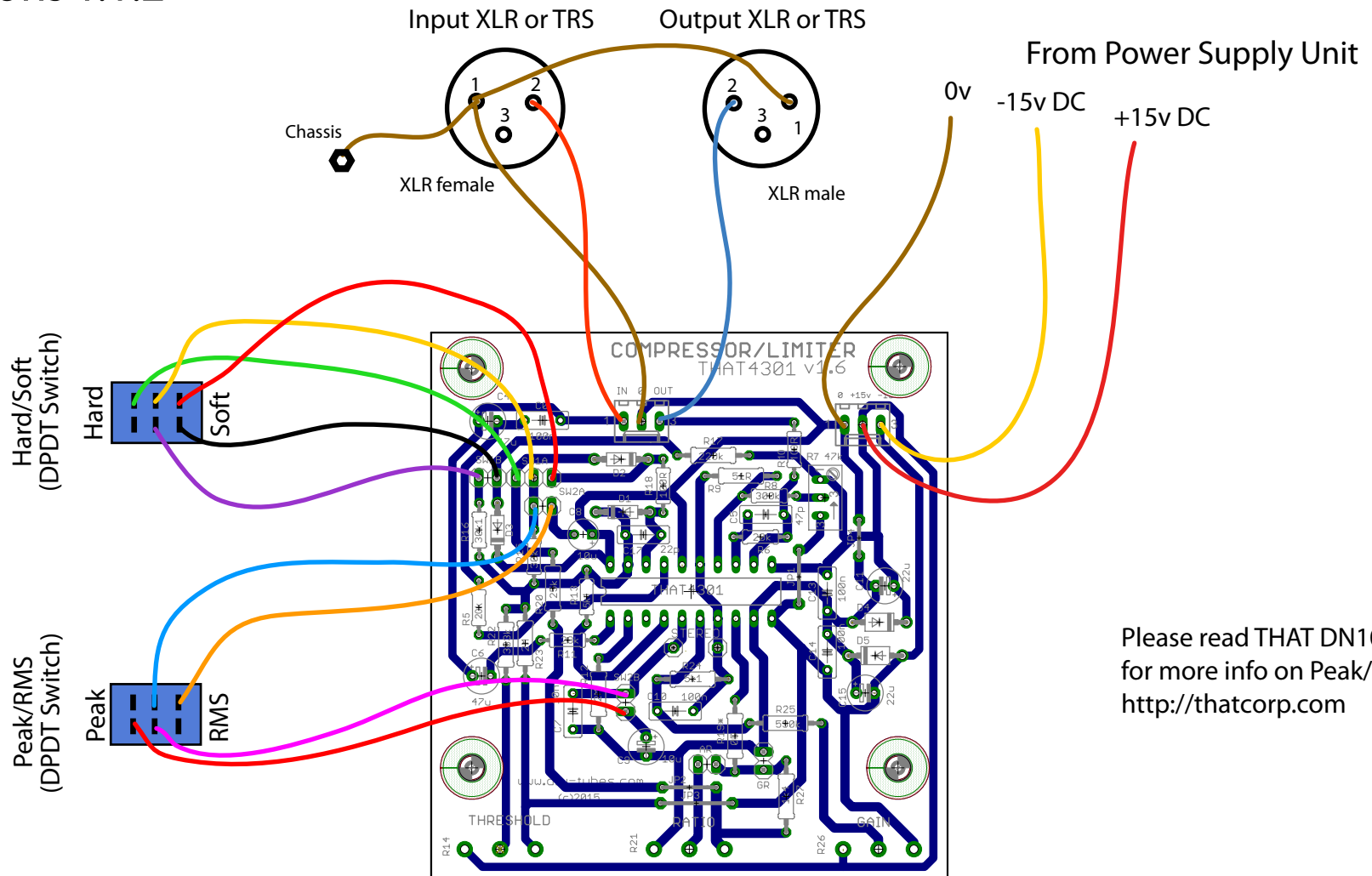
More info at <http://diy-tubes.com/diy-kits>

THAT4301
Compressor/Limiter
PCB v1.6





THAT4301 Compressor/Limiter Interconnections v.1.2* PCB v1.6



Please read THAT DN107, DN115
for more info on Hard/Soft mode
<http://thatcorp.com>

Please read THAT DN101
for more info on Peak/RMS mode
<http://thatcorp.com>

AR - for Attack/Release Mod
(use jumper here)

GR - use for Gain Reduction Meter
or solder R19** (15k) to follow DN115 schema

*Hard/Soft interconnection fixed

THAT4301 Compressor/Limiter v1.6

No	Value	Qty	Part	Note
13	22p	1	C17	ceramic
3	47p	1	C5	ceramic
5	10n	1	C7	film
1	100n	4	C0,C10,C13, C14,	film
6	10u	2	C8,C9	tantalum
9	22u	2	C11,C12	electrolytic
2	47u	2	C4,C6	electrolytic
14	1N4148	4	D1-D3	
17	1n4004	2	D4,D5	1n4007 can be used
23	51R	1	R9	47R can be used
24	100R	2	R10,R18	
42	1k4	1	R27	1k3/1k5 can be used (optional Ratio scrow resistor)
27	4k99	2	R13,R24	5k1 can be used
34	15k	1	R19**	Use GR pins on PCB
19	20k	2	R5,R6	
35	25k	1	R20*	24k can be used. 45k3 on PCB ver.1.5 or Pico Mod
25	28k	1	R11	27k7 can be used
29	30k	2	R15,R16	
31	220k	1	R17	
22	300k	1	R8	
37	383k	1	R22	
40	590k	1	R25	
26	2M	2	R12,R23	
28	B50k	1	R14	Threshold Potentiometer
36	B5k	1	R21	Ratio Potentiometer
41	B50k	1	R26	Gain Potentiometer
43	DPDT	2	SW1, SW2	Peak/RMS, Hard/Soft
44	THAT4301	1	IC1	