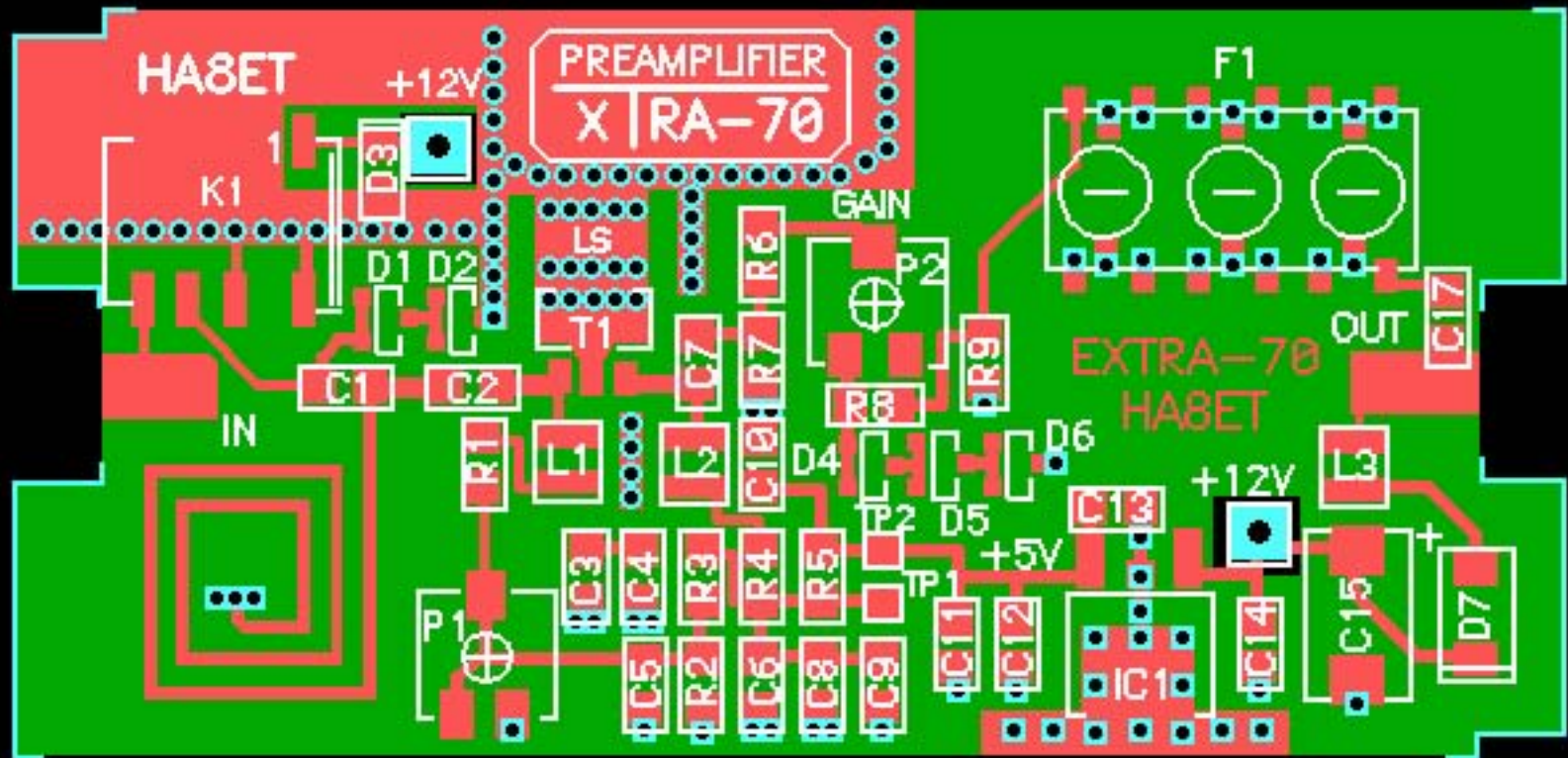


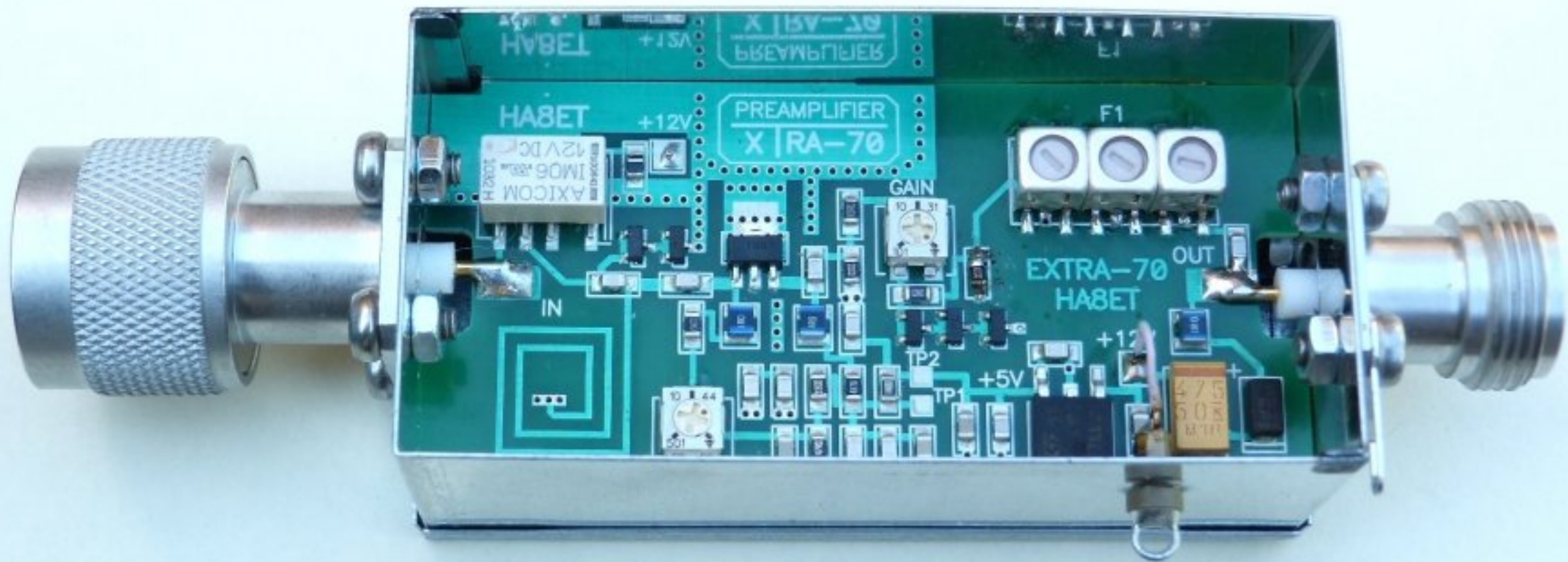
Title		EXTRA-70 432MHz PREAMP.	
Size	Number	Rev	
A3	DESIGNED BY HA8ET	2	
Date	16.08.2011.	Drawn by	HA8ET
Filename	EXTRA_70.SCH	Sheet	1 of 1

A B C D

1 2 3 4

+12...15V





## EXTRA-70 432 MHz Contest Preamplifier Part list

Reference	Value	Package	Distributor	Type	Manuf.
C1 (Microwave!)	47 pF	0805	Farnell	08052U470JAT2A	AVX
C2 (Microwave!)	100 pF	0805	Farnell	08052U101JAT2A	AVX
C3, C6, C13	100 pF COG	0805	Farnell	C0805C101J5GAC	KEMET
C4, C7, C8, C10, C12, C17	1nF X7R	0805	Farnell	08055C102KAT2A	AVX
C5, C9, C11, C14	100 nF X7R	0805	Farnell	08055C104JAT2A	AVX
C15	4,7 uF/50 V	7343	Farnell	T495X475K050AT	KEMET
C16 (Feed-through)	1 nF	-	Gigatechnik	BUBQ5-00	STELCO
L1, L2, L3	1000 nH	1008	TME	CW1008-1000	Ferrocore
Helical Filter	-	SMD	Rfmicrowave	5HCT 493S-1072A	TOKO
R1,	22	0805	Farnell		
R2	47	0805	Farnell		
R3	330	0805	Farnell		
R4	4,7	0805	Farnell		
R5	1	0805	Farnell		
R6, R8	10	0805	Farnell		
R7, R9	100	0805	Farnell		
D1, D2, D3, D4, D5	-	SOT-23	Farnell	BAS70-04	VISHAY
D6	-	DO214A	Farnell	FR1M	Semicon
D7	-	0805	Farnell	TS4148 RY	Taiwan S.
T1	-	SOT-89	Farnell	ATF-53189	Avago
IC1	-	D-PAK	Farnell	78M05CDT	STM
P1	500	SMD	Farnell	TS53YL501MR10	VISHAY
P2	100	SMD	Farnell	TS53YL101MR10	VISHAY
K1	-	SMD	Farnell	IM06GR	TYCO
Box (Drilled, labelled)	-	-	-	37 X 74 X 30 mm	HA8ET
Connectors	BNC Female*	-	Farnell	1-1337446-0	TYCO
PCB	-	-	HA8ET	71,5 X 34,5 mm	HA8ET

\*Also available with N-female / N-female, or N-male/N-female