PT-8000

MODEL PT-8000A
HF/VHF TRANSCEIVER
Hilberling
POWER
MAIN
SUB
EXT REF
REF SET
SUB VFO
CLAR
MODE
MEM
RX/TX
0 VHF
CHANNEL
DATA
MAIN/SUB
AM/FM
ENTER
SSB/CW
BAND
VFO
RIT/XIT
A/B
LOCK
MAIN-RX
TX
SUB-RX
FUNCTION
SCAN
AGC
DSP
NR
NOTCH
FILTER
DISPLAY
METER
MENU
ANT-TUNER
TX/ON
START
TUNER
TX-PWR
PROC
MIC
IF-NOTCH
RX-NB
ZERO-BEAT
SQL
RF
MONITOR
KEY SPEED
CW-KEY
PHONE
MIC-PTT

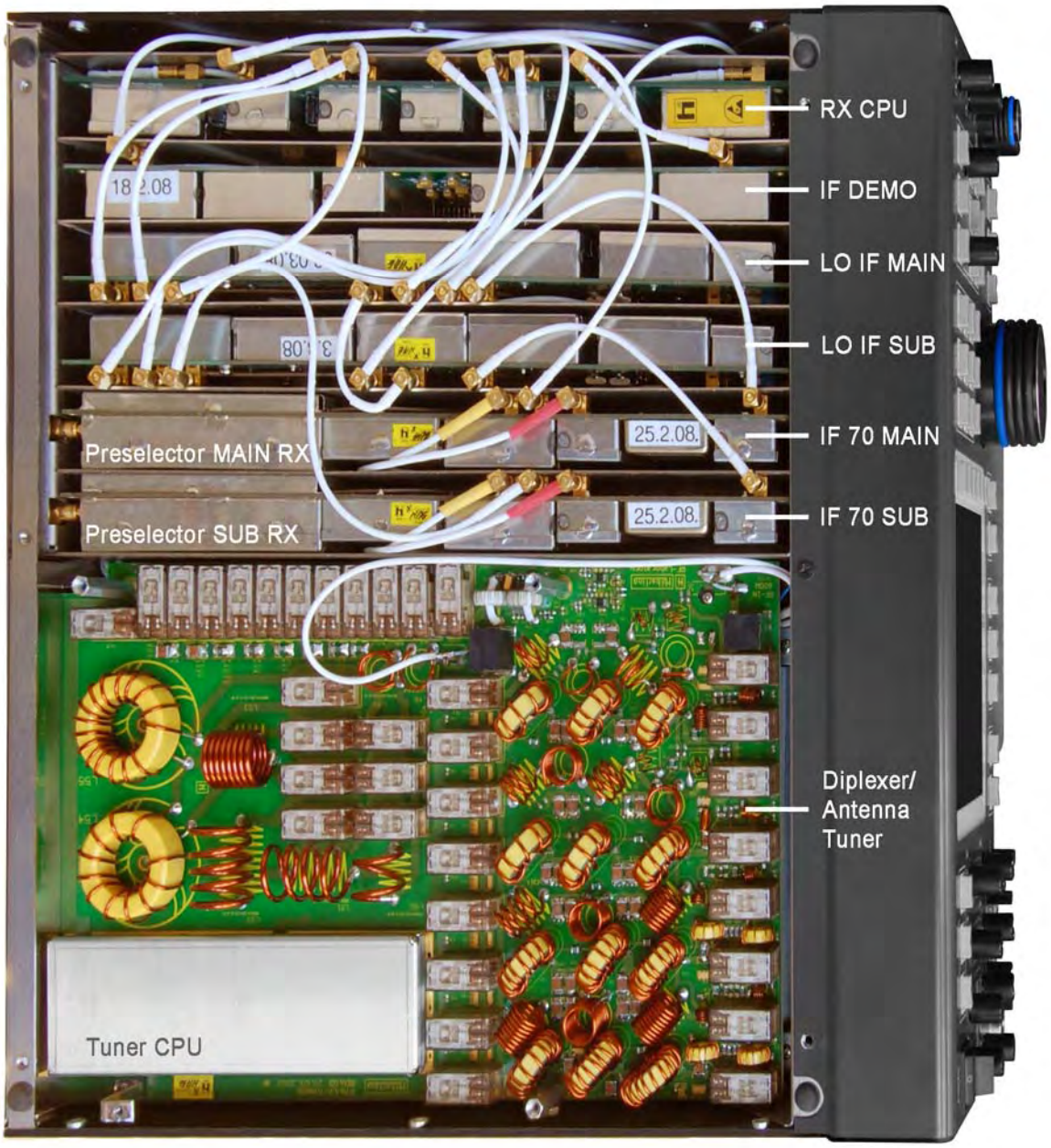
PT-8000

PT-8000
HF/ VHF Transceiver
Serial No.
MADE IN GERMANY
VHF-ANT. 144 MHz
J1
RX-ANT. 9 kHz - 52 MHz
J1A
HF-ANT. 1 1.8 - 52 MHz
J2
HF-ANT. 2 1.8 - 52 MHz
J3
RS 232 Remote
J22
Transverter
J21
AUDIO IN/OUT
J20
Keyboard
AUDIO IN
J19
DC-FUSE
DC
J18
IF 10.7 MHz
J4
SUB
IF 70.7 MHz
J5
IF 10.7 MHz
J6
MAIN
IF 70.7 MHz
J7
FCC ID: XXX PT/HN-8000ABC
J17
J16
J15

PT-8000

HF-ANT. 2
1.8 - 52 MHz
J3
AUDIO IN
Keyboard
J19
DC-FUSE
IF 10.7 MHz
J4
SUB
IF 70.7 MHz
J5
FCC ID: XXX PT/HN-8000ABC
This device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired operation.
DC
J18
AUX
J17
ext. SPKR
add.
alt.
J16
J15
IF 10.7 MHz
J6
MAIN
IF 70.7 MHz
J7

PT-8000 TOP


RX CPU
IF DEMO
LO IF MAIN
LO IF SUB
IF 70 MAIN
IF 70 SUB
Diplexer/
Antenna
Tuner
Preselector MAIN RX
Preselector SUB RX
Tuner CPU
25.2.08.
25.2.08.

PT-8000 Bottom

MAIN CPU **DC EMV** **TX MIX**

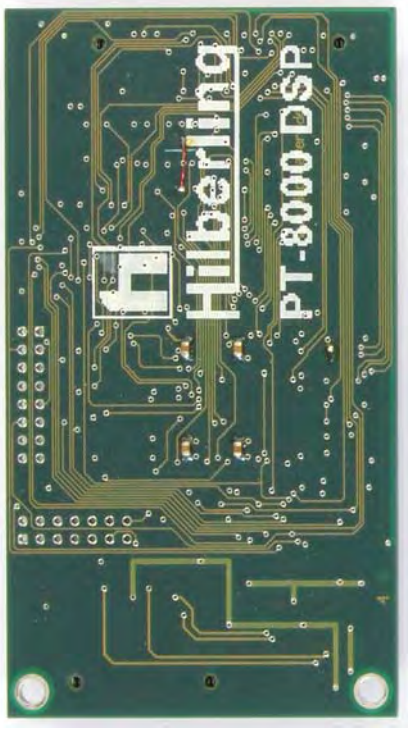
Overview of PT8000 PCB's

Nr.	Designation	Quantity
1	PT-8000 DSP	1
2	PT-8000 CPU 165	1
3	PT-8000 Front1	1
4	PT-8000 Front2	1
5	PT-8000 Front3	1
6	PT-8000 Front4	1
7	PT-8000 Front5	1
8	PT-8000 Front6	1
9	PT-8000 Front7	1
10	PT-8000 Front8	1
11	PT-8000 DCU	1
12	PT-8000 Front Motherboard	1
13	PT-8000 LP TUNE	1
14	PT-8000 PA 100	1
15	PT-8000 RX Motherboard	1
16	PT-8000 TX MIX	1
17	PT-8000 MAIN-CPU	1
18	PT-8000 DC EMV	1
19	PT-8000 DCU L8	1
20	PT-8000 DC-AC Inverter	1
21	PT-8000 HP-ANT	2
22	PT-8000 Coupler CPU	1
23	PT 8000 TCXO PA	1
24	PT 8000 TCXO DDS	1
25	PT-8000 FM-DISK	2
26	PT-8000 IF DEMO	2
27	PT-8000 LO1 IF	2
28	PT-8000 QFILT MAIN	1
29	P-T8000 QFILT SUB	1
30	PT-8000 RX CPU	1
31	PT-8000 RX-FRONT	2

1 PT-8000 DSP

TOP

BOTTOM



2 PT-8000 CPU 165

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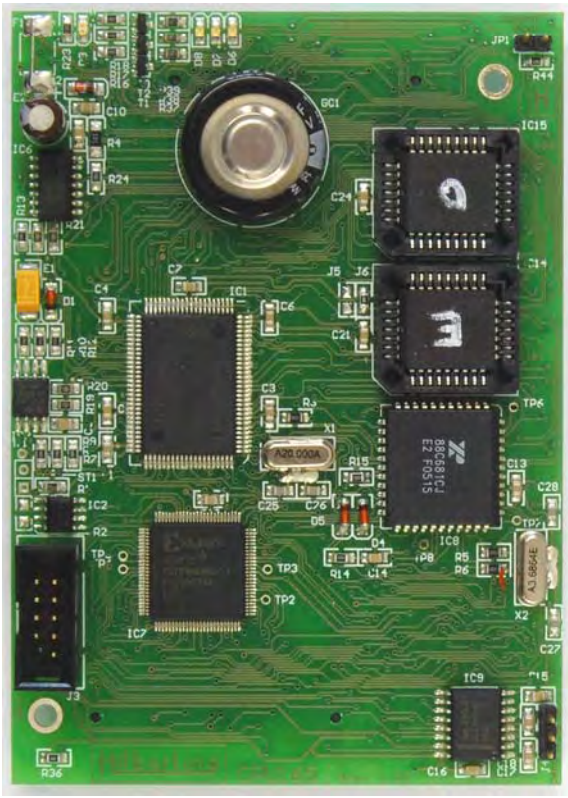

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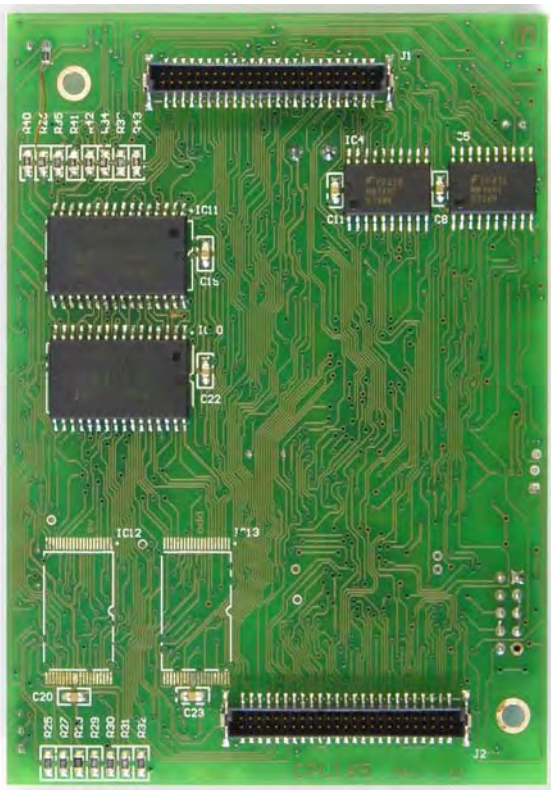
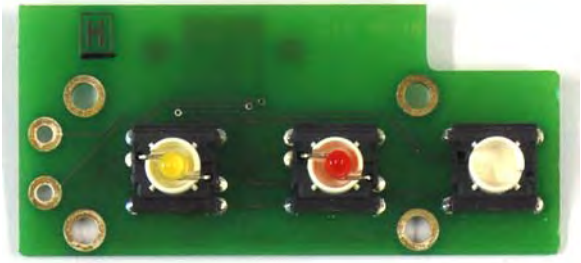


3 PT-8000 Front 1

TOP



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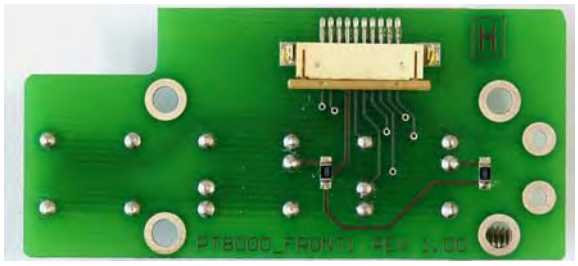


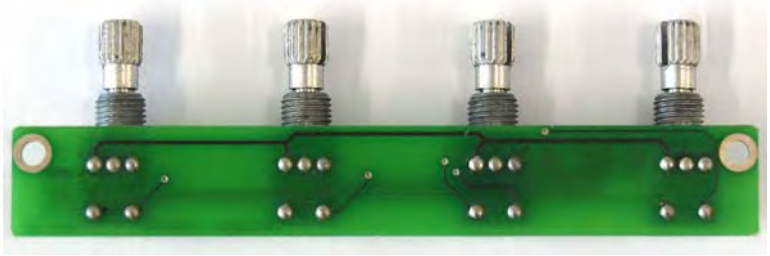
4 PT-8000 Front 2

TOP

BOTTOM

5 PT-8000 Front 3

TOP



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6 PT-8000 Front 4

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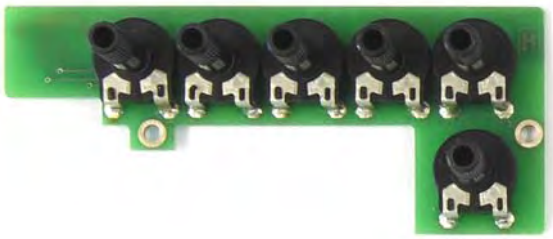

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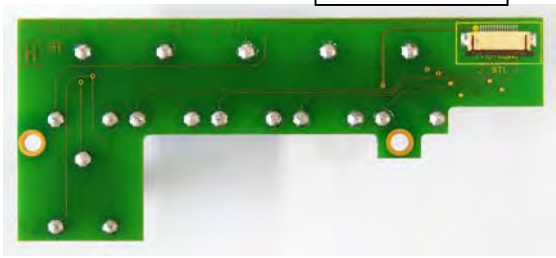

7 PT-8000 Front 5

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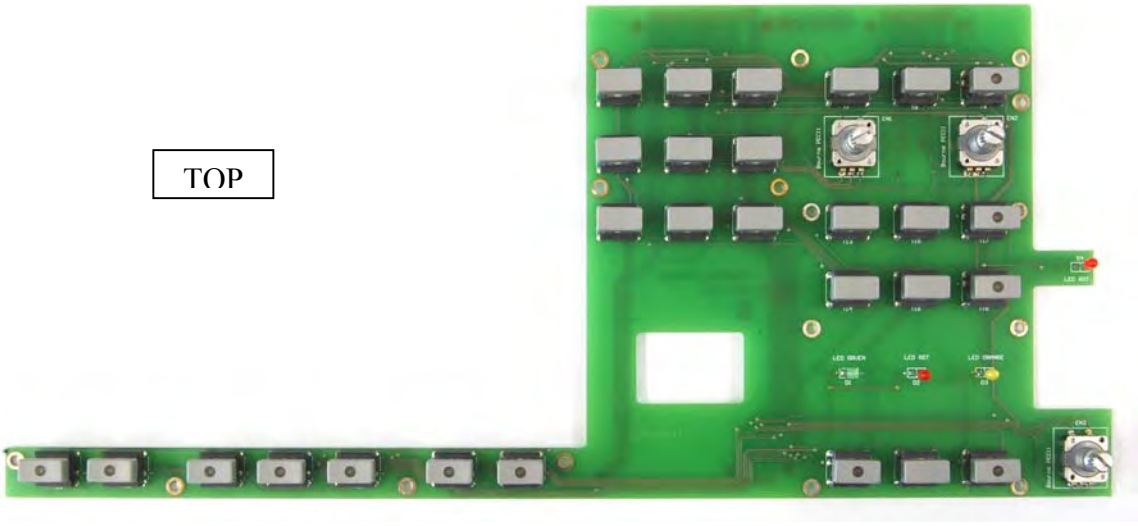

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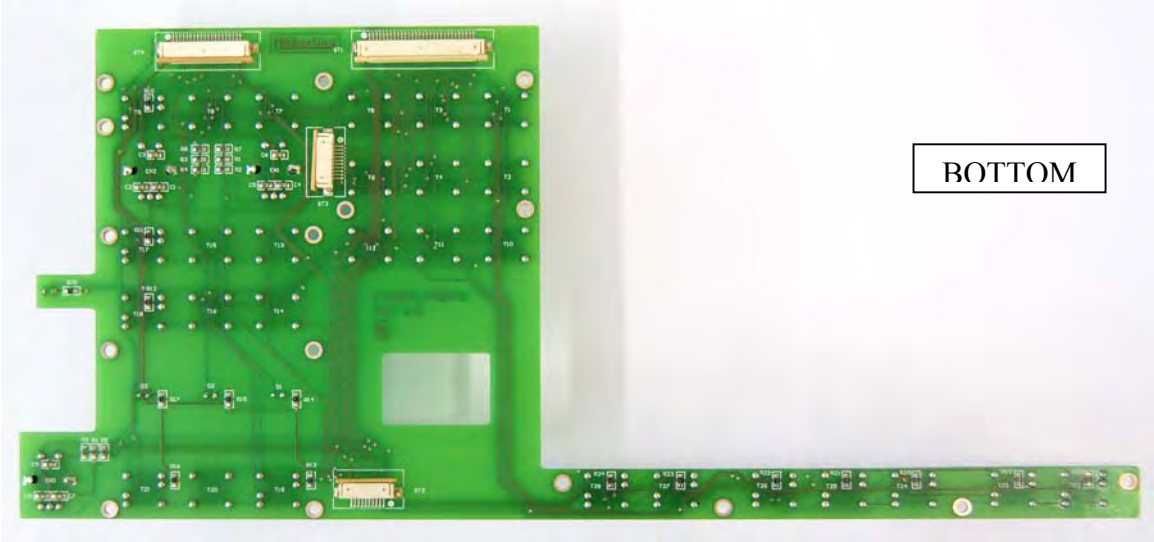

8 PT-8000 Front 6

TOP

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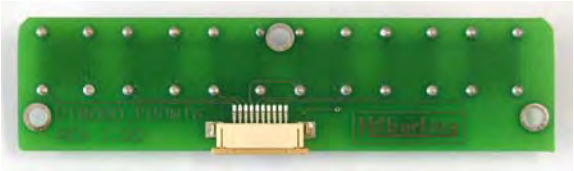


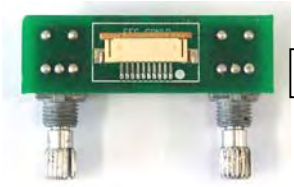
9 PT-8000 Front 7

TOP

BOTTOM

10 PT-8000 Front 8

TOP



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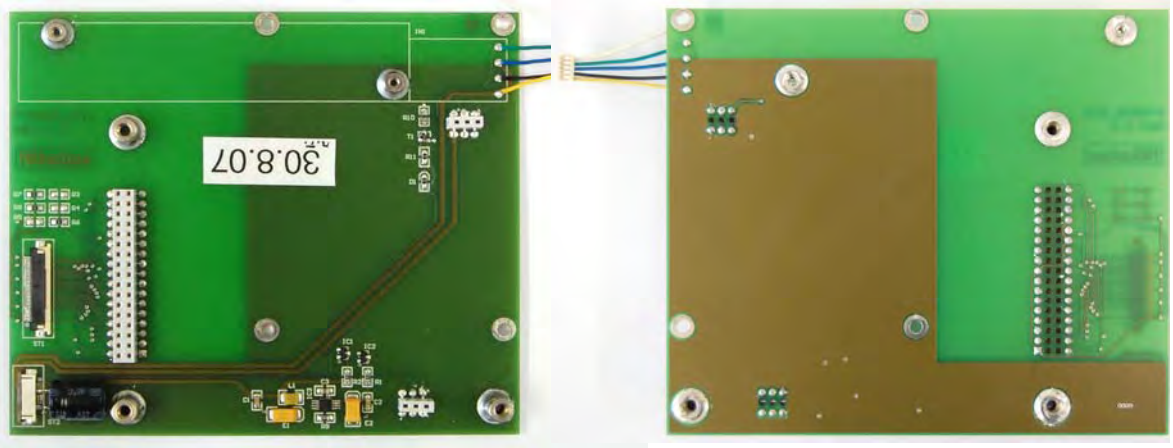
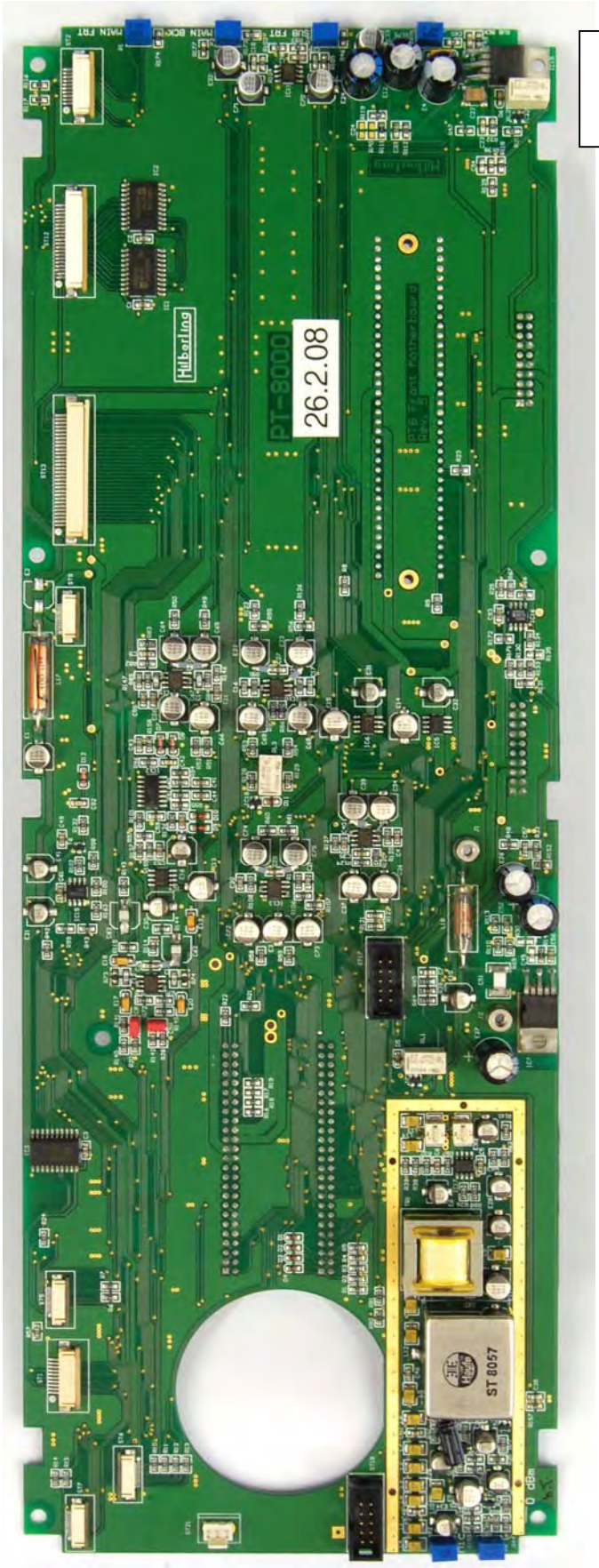
11 PT-8000 DCU

TOP

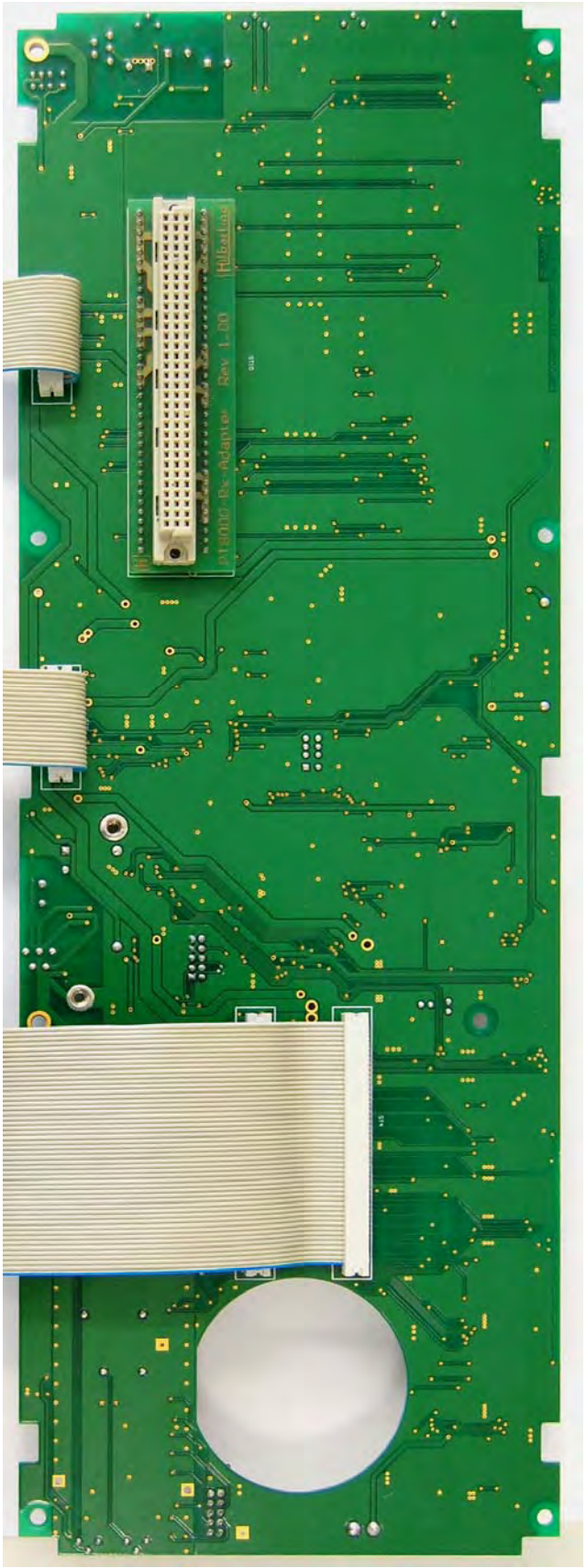
BOTTOM





12 PT-8000 Front Motherboard

TOP

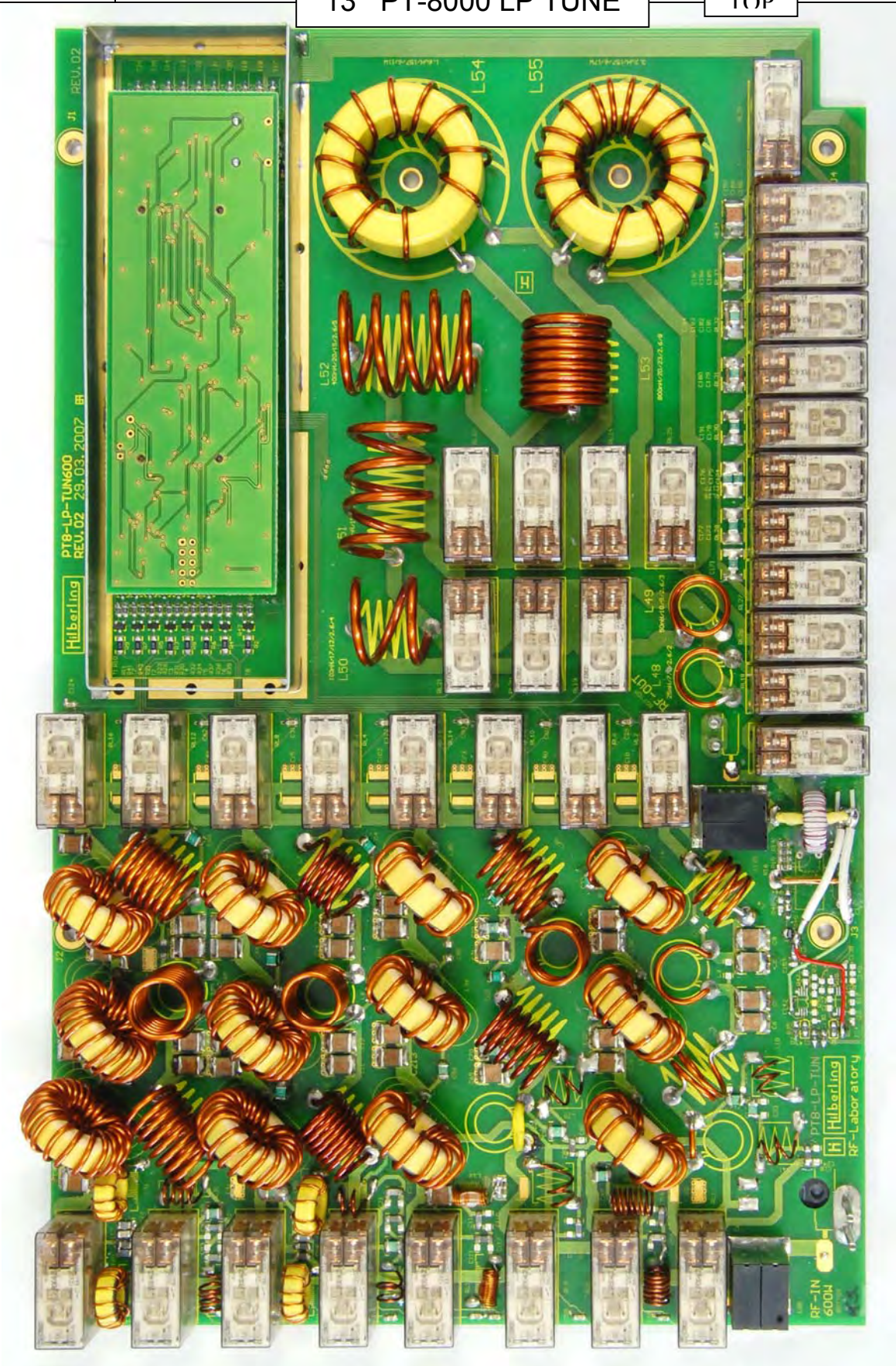


12 PT-8000 Front Motherboard

BOTTOM

13 PT-8000 LP TUNE

TOP



13 PT-8000 LP TUNE

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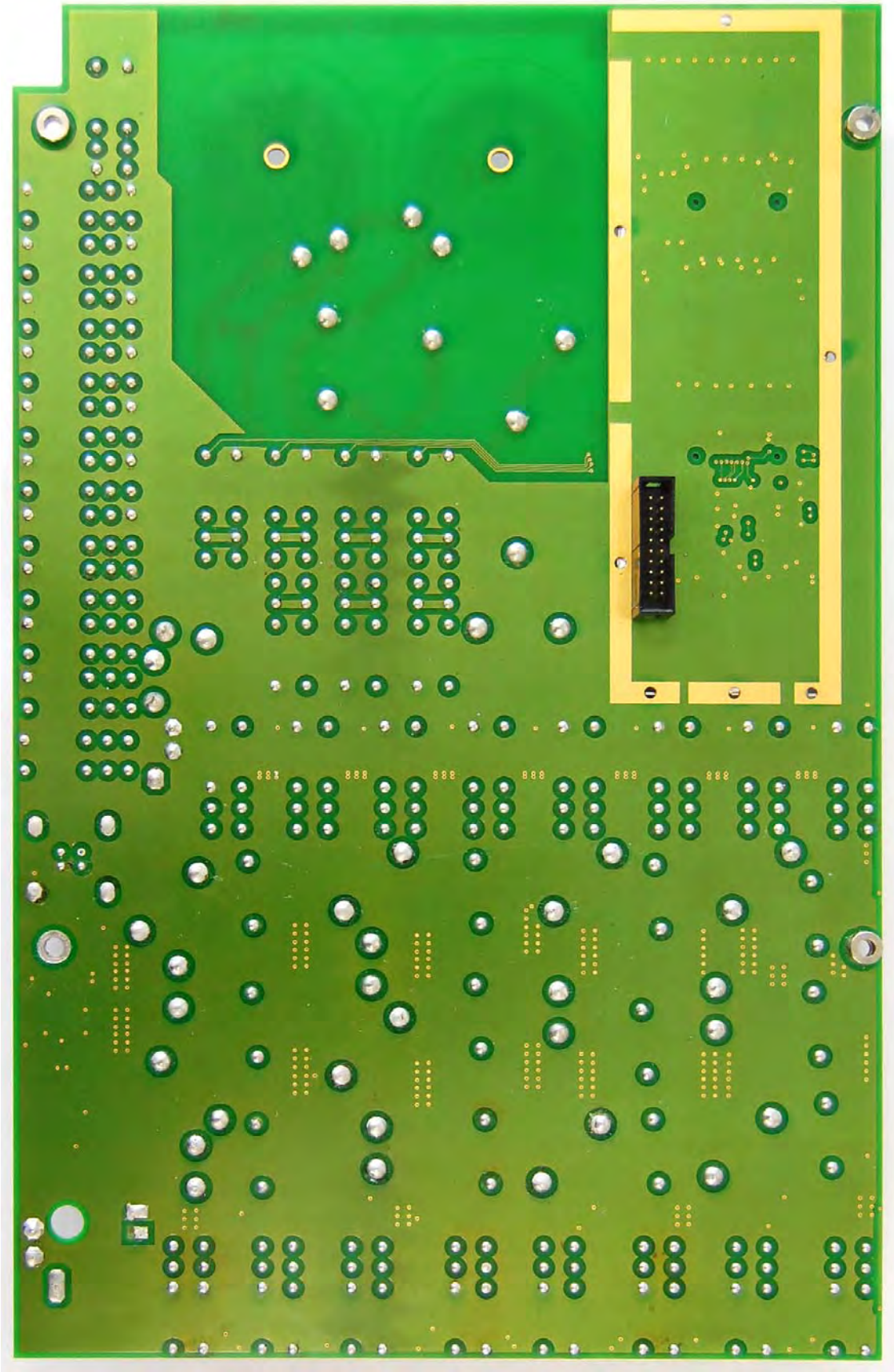

14 PT-8000 PA 100

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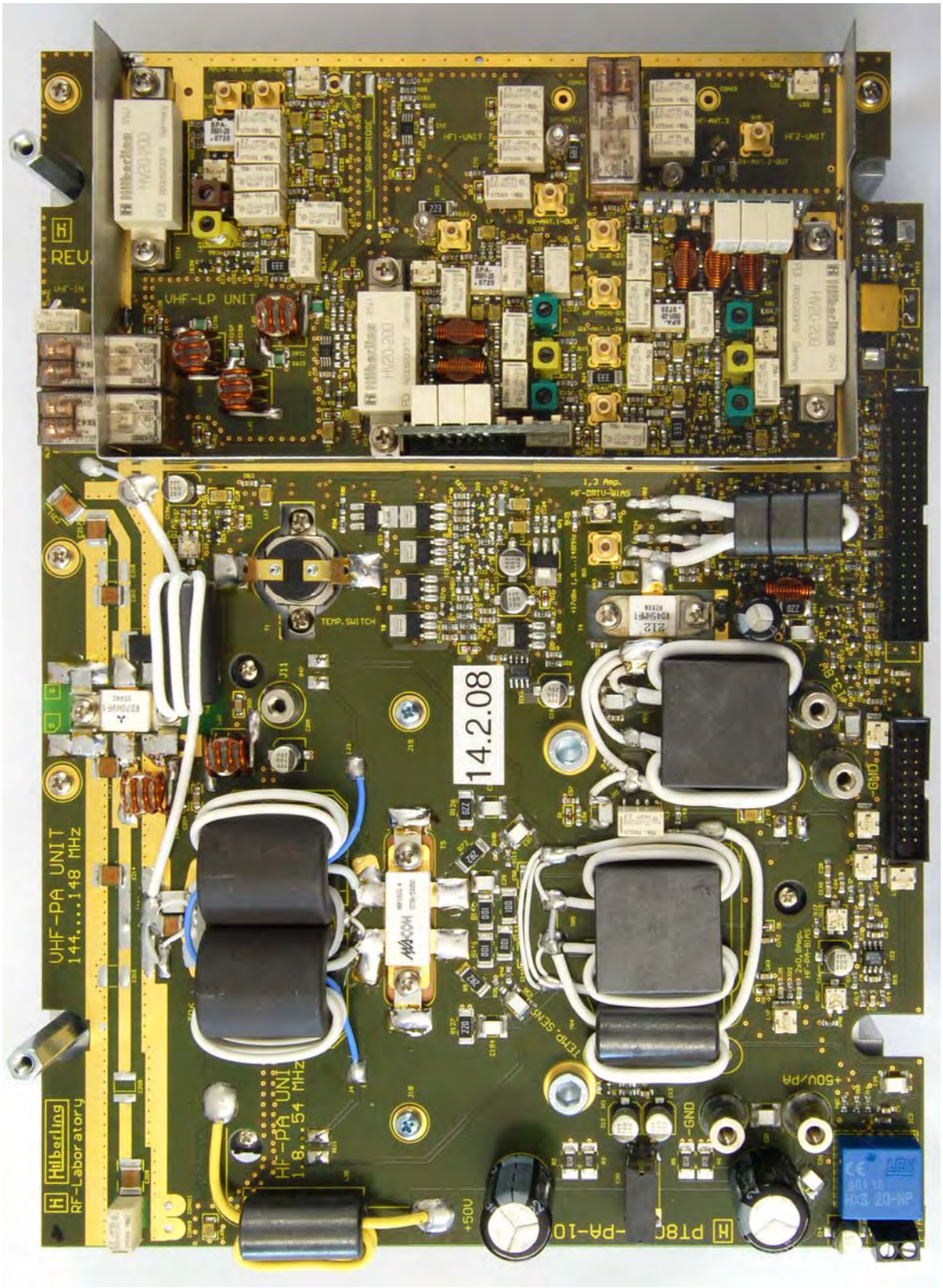

14 PT-8000 PA 100

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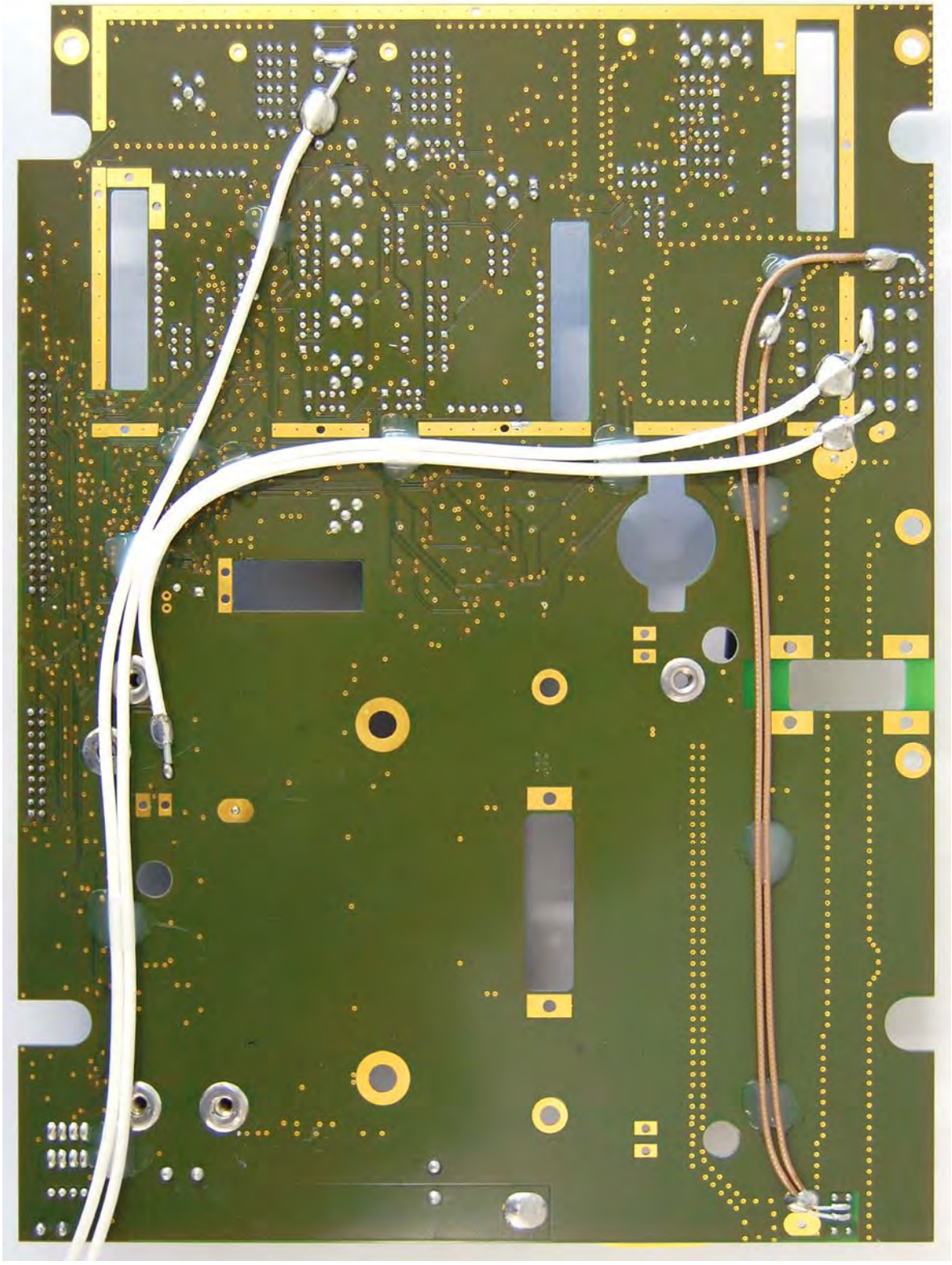

15 PT-8000 RX Motherboard

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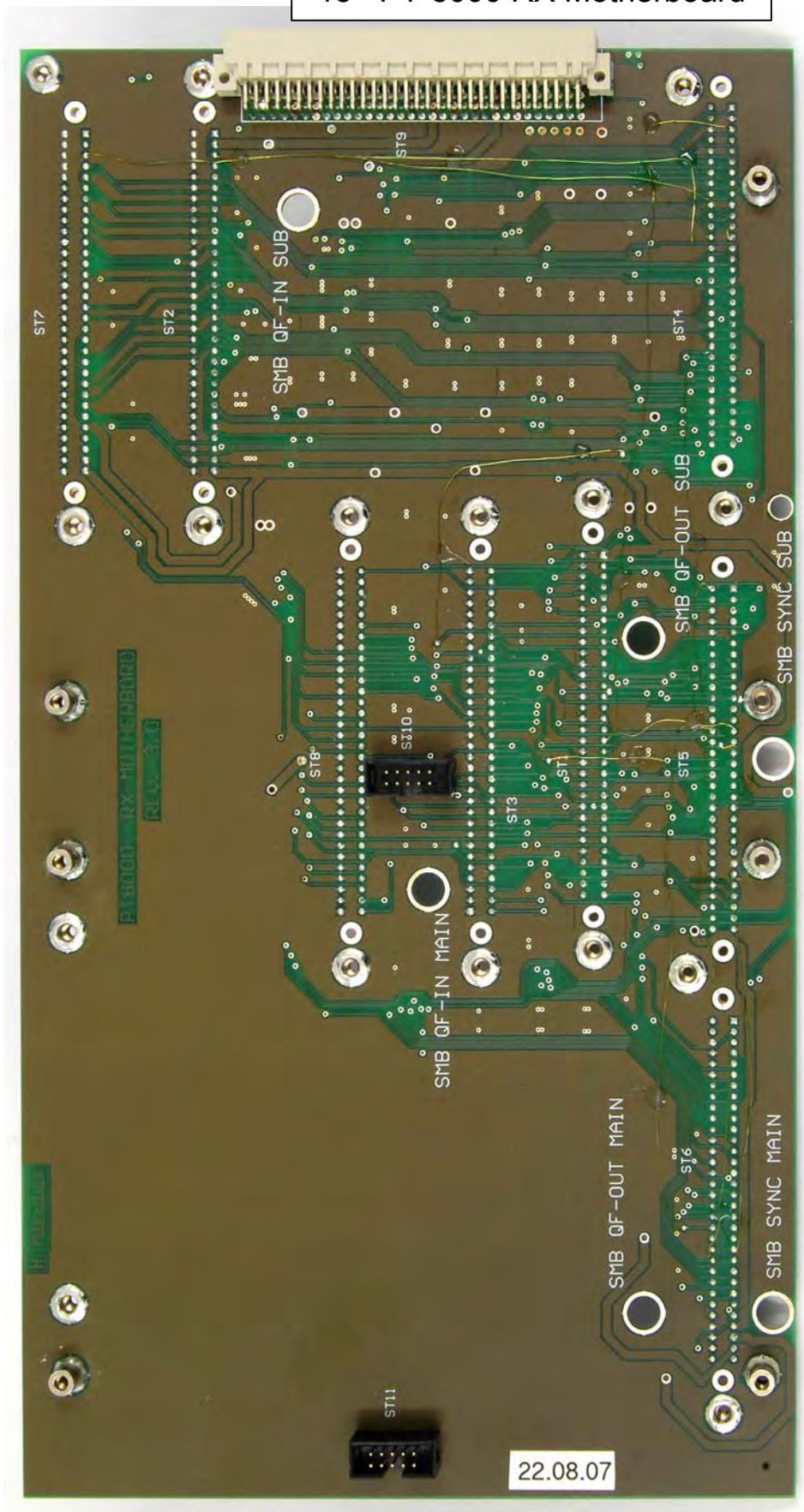

15 PT-8000 RX Motherboard

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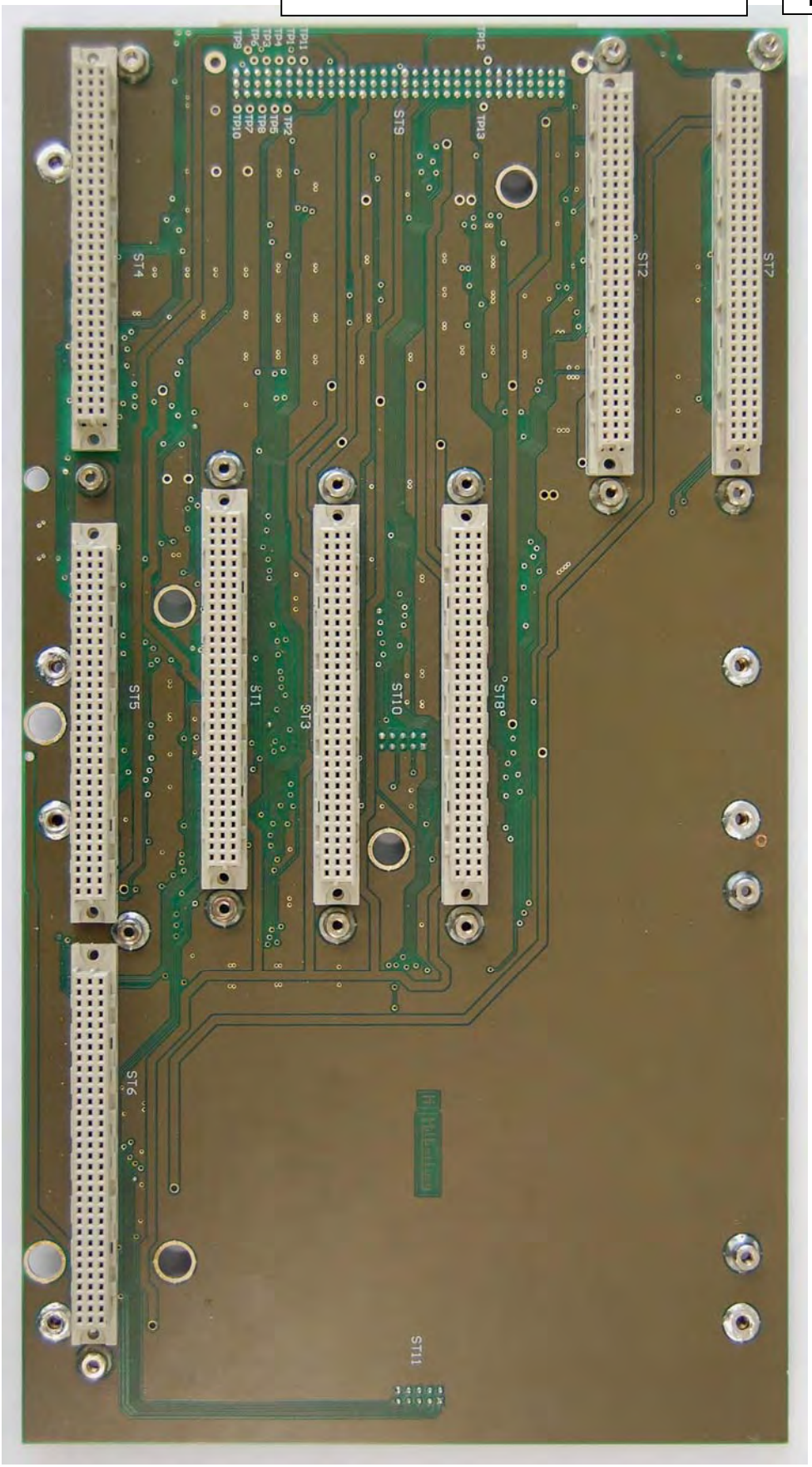
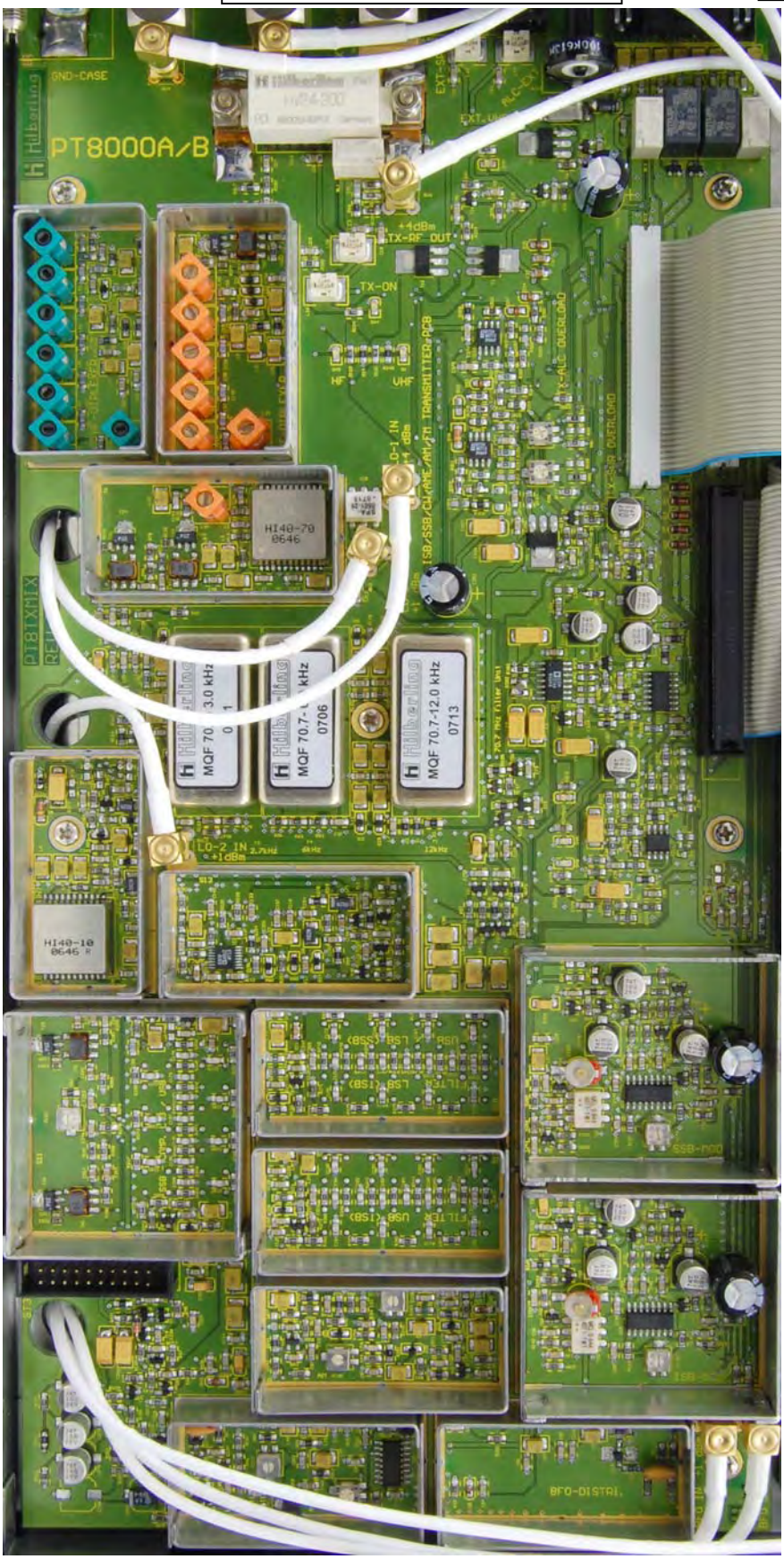


16 PT-8000 TX MIX

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