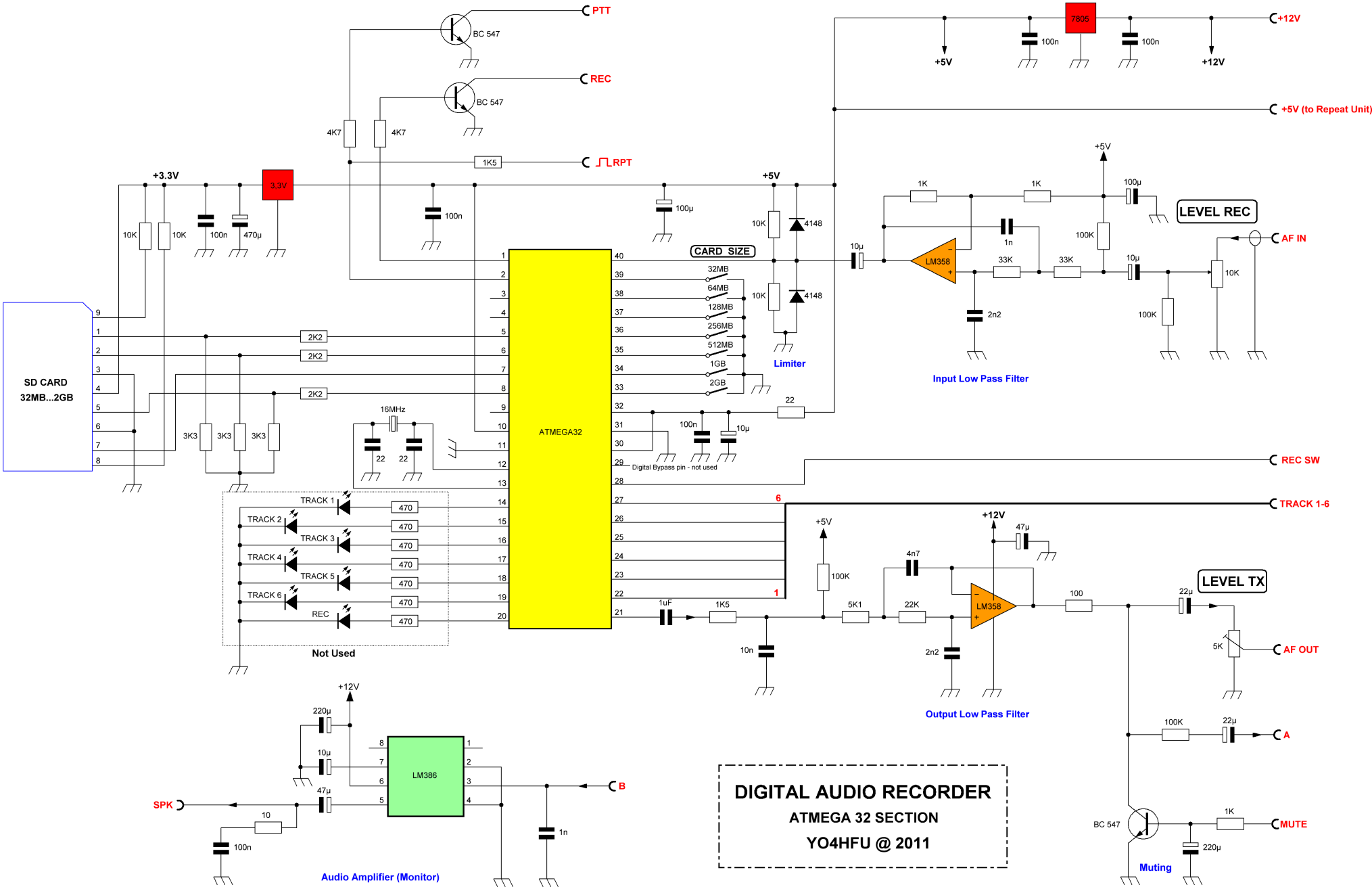
PTT
REC
RPT
BC 547
BC 547
4K7
4K7
1K5
+3.3V
3,3V
10K
10K
100n
470µ
100n
100µ
+5V
10K
4148
10K
4148
CARD_SIZE
32MB
64MB
128MB
256MB
512MB
1GB
2GB
22
Limiter
SD CARD
32MB...2GB
2K2
2K2
2K2
3K3
3K3
3K3
16MHz
22
22
ATMEGA32
100n
10µ
Digital Bypass pin - not used
TRACK 1
TRACK 2
TRACK 3
TRACK 4
TRACK 5
TRACK 6
REC
470
Not Used
7805
+5V
+12V
100n
100n
+12V
+5V (to Repeat Unit)
1K
1K
100µ
LEVEL REC
1n
LM358
100K
AF IN
10µ
33K
33K
10µ
10K
2n2
100K
Input Low Pass Filter
REC SW
TRACK 1-6
6
1
+5V
100K
+12V
47µ
4n7
1uF
1K5
5K1
22K
LM358
100
22µ
LEVEL TX
10n
2n2
5K
AF OUT
Output Low Pass Filter
100K
22µ
A
BC 547
1K
MUTE
220µ
Muting
+12V
220µ
10µ
LM386
47µ
SPK
10
100n
B
1n
Audio Amplifier (Monitor)
DIGITAL AUDIO RECORDER
ATMEGA 32 SECTION
YO4HFU @ 2011