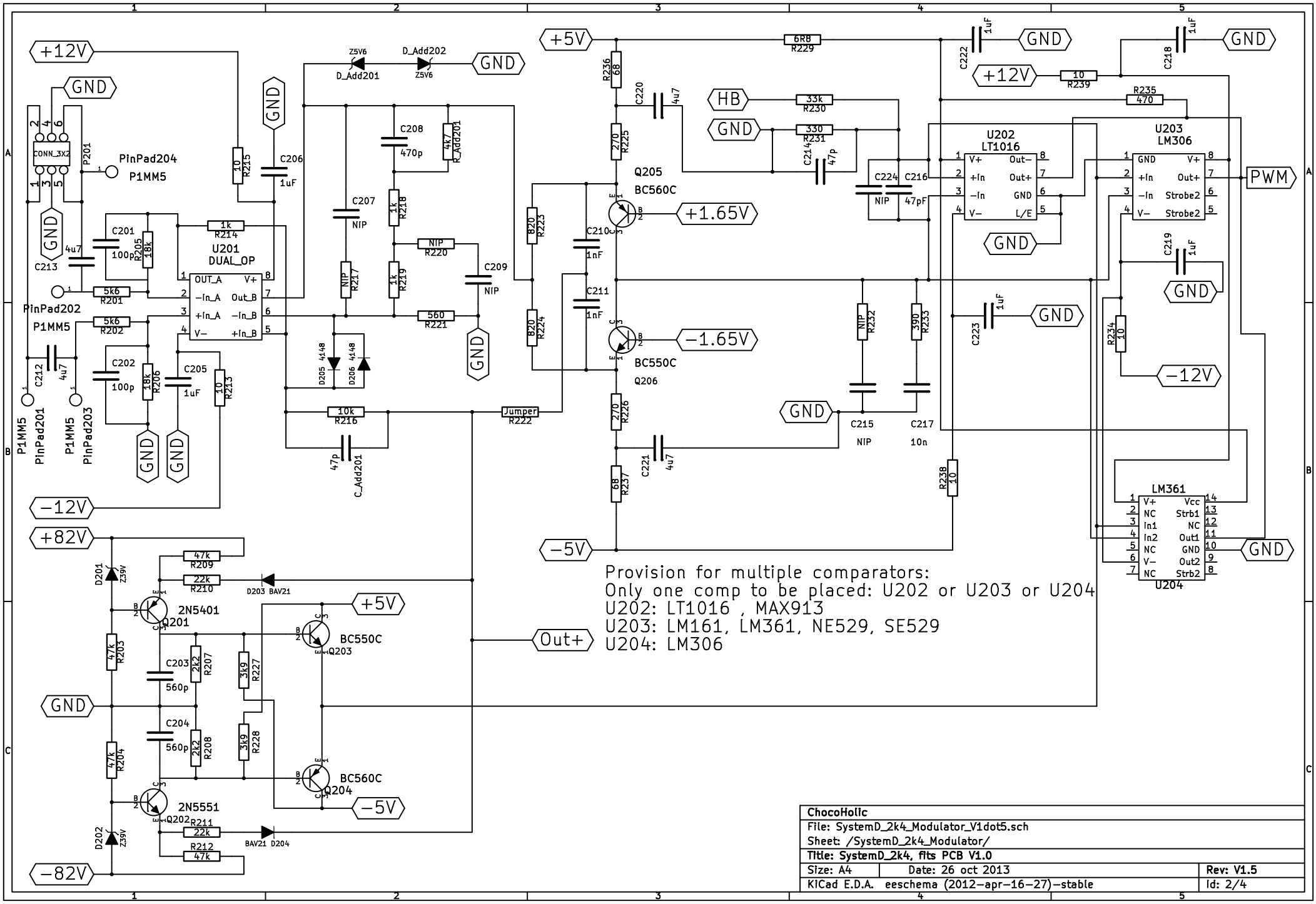
+12V
GND
CONN_3X2
P201
PinPad204
P1MM5
10
R215
C206
1uF
Z5V6
D_Add202
D_Add201
C208
470p
4k7
R_Add201
C207
NIP
1k
R218
NIP
R220
C209
NIP
560
R221
1k
R214
U201
DUAL_OP
OUT_A
V+
−In_A
Out_B
+In_A
−In_B
V−
+In_B
C201
4u7
100p
18k
R205
5k6
R201
PinPad202
P1MM5
5k6
R202
C212
4u7
C202
100p
18k
R206
C205
1uF
10
R213
P1MM5
PinPad201
P1MM5
PinPad203
C213
4u7
D205 4148
D206 4148
10k
R216
47p
C_Add201
Jumper
R222
−12V
+82V
47k
R209
22k
R210
D203 BAV21
D201
Z39V
2N5401
Q201
47k
R203
C203
560p
2k2
R207
3k9
R227
+5V
BC550C
Q203
GND
C204
560p
2k2
R208
3k9
R228
47k
R204
2N5551
Q202
BC560C
Q204
−5V
R211
22k
R212
47k
D202
Z39V
BAV21 D204
−82V
+5V
6R8
R229
R236
68
C220
4u7
HB
33k
R230
GND
330
R231
C214
47p
270
R225
Q205
BC560C
+1.65V
820
R223
C210
1nF
C211
1nF
820
R224
BC550C
Q206
−1.65V
270
R226
C221
4u7
68
R237
−5V
C224
NIP
C216
47pF
NIP
R232
390
R233
GND
C215
NIP
C217
10n
C222
1uF
GND
+12V
10
R239
C218
1uF
GND
R235
470
U202
LT1016
V+
Out−
+In
Out+
−In
GND
V−
L/E
U203
LM306
GND
V+
+In
Out+
−In
Strobe2
V−
Strobe2
PWM
C219
1uF
GND
C223
1uF
GND
R234
10
−12V
R238
10
LM361
V+
Vcc
NC
Strb1
In1
NC
In2
Out1
NC
GND
V−
Out2
NC
Strb2
U204
GND
Out+
Provision for multiple comparators:
Only one comp to be placed: U202 or U203 or U204
U202: LT1016 , MAX913
U203: LM161, LM361, NE529, SE529
U204: LM306
ChocoHolic
File: SystemD_2k4_Modulator_V1dot5.sch
Sheet: /SystemD_2k4_Modulator/
Title: SystemD_2k4, fits PCB V1.0
Size: A4
Date: 26 oct 2013
Rev: V1.5
KiCad E.D.A. eeschema (2012−apr−16−27)−stable
Id: 2/4