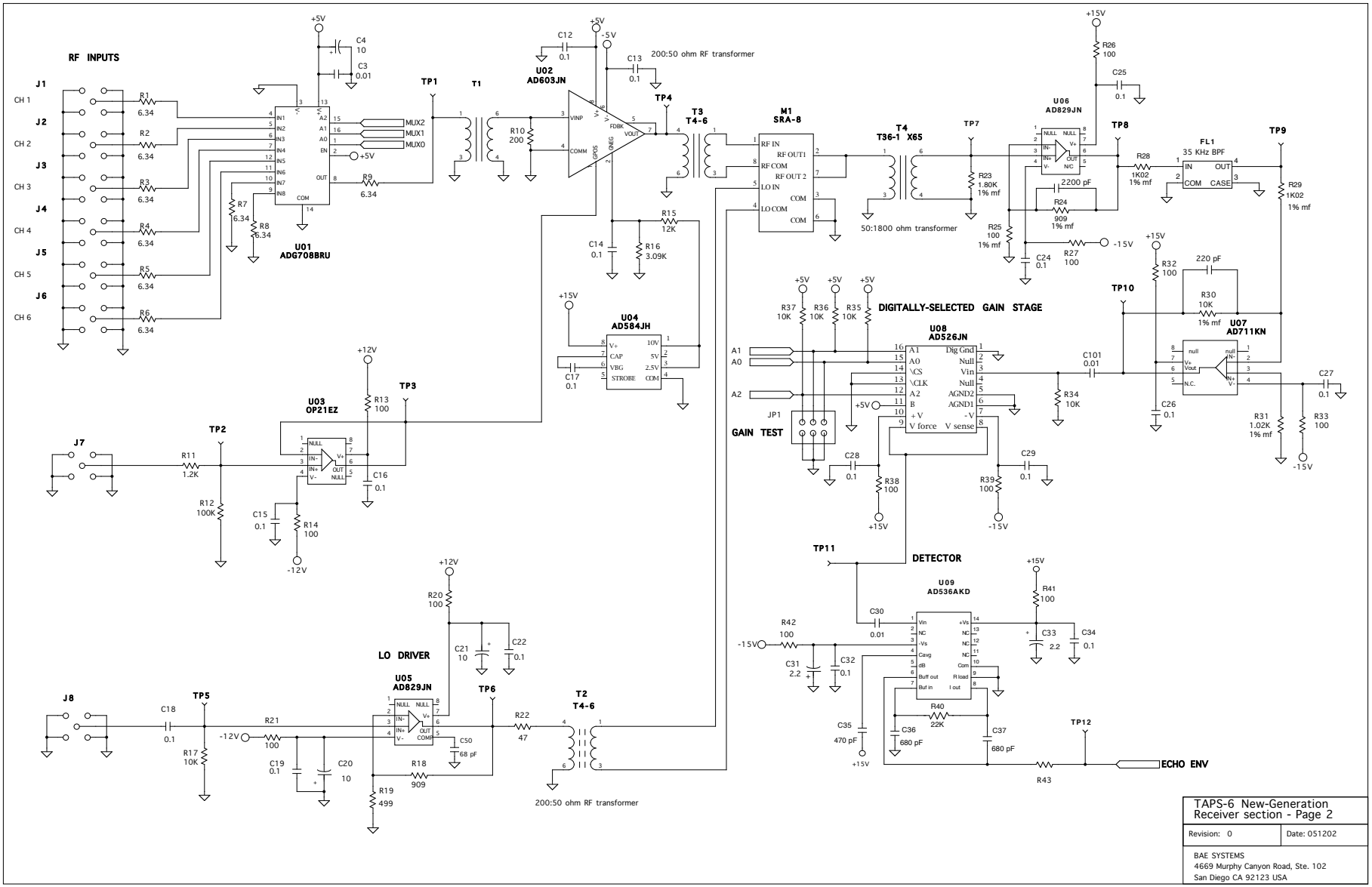
RF INPUTS
J1
CH 1
J2
CH 2
J3
CH 3
J4
CH 4
J5
CH 5
J6
CH 6
R1 6.34
R2 6.34
R3 6.34
R4 6.34
R5 6.34
R6 6.34
R7 6.34
R8 6.34
R9 6.34
U01
ADG708BRU
MUX2
MUX1
MUX0
+5V
C4 10
C3 0.01
TP1
T1
U02
AD603JN
C12 0.1
-5V
C13 0.1
200:50 ohm RF transformer
TP4
T3
T4-6
R10 200
R15 12K
C14 0.1
R16 3.09K
M1
SRA-8
RF IN
RF OUT1
RF COM
RF OUT 2
LO IN
LO COM
T4
T36-1 X65
50:1800 ohm transformer
TP7
R23 1.80K 1% mf
R25 100 1% mf
C24 0.1
R27 100
-15V
+15V
R26 100
C25 0.1
U06
AD829JN
TP8
2200 pF
R24 909 1% mf
R28 1K02 1% mf
FL1
35 KHz BPF
IN
OUT
COM
CASE
TP9
R29 1K02 1% mf
U04
AD584JH
+15V
C17 0.1
10V
5V
2.5V
COM
STROBE
VBG
CAP
DIGITALLY-SELECTED GAIN STAGE
R37 10K
R36 10K
R35 10K
U08
AD526JN
A1
A0
A2
JP1
GAIN TEST
\CS
\CLK
Dig Gnd
Null
Vin
AGND2
AGND1
V force
V sense
C101 0.01
R34 10K
C28 0.1
C29 0.1
R38 100
R39 100
TP10
R32 100
220 pF
R30 10K 1% mf
U07
AD711KN
C26 0.1
C27 0.1
R31 1.02K 1% mf
R33 100
U03
OP21EZ
+12V
TP3
R13 100
TP2
J7
R11 1.2K
R12 100K
C15 0.1
R14 100
C16 0.1
-12V
LO DRIVER
R20 100
C21 10
C22 0.1
U05
AD829JN
J8
TP5
C18 0.1
R17 10K
R21 100
C19 0.1
C20 10
R19 499
R18 909
TP6
R22 47
C50 68 pF
T2
T4-6
200:50 ohm RF transformer
TP11
DETECTOR
U09
AD536AKD
R42 100
C30 0.01
C31 2.2
C32 0.1
C33 2.2
C34 0.1
R41 100
C35 470 pF
C36 680 pF
R40 22K
C37 680 pF
TP12
R43
ECHO ENV
TAPS-6 New-Generation
Receiver section - Page 2
Revision: 0
Date: 051202
BAE SYSTEMS
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