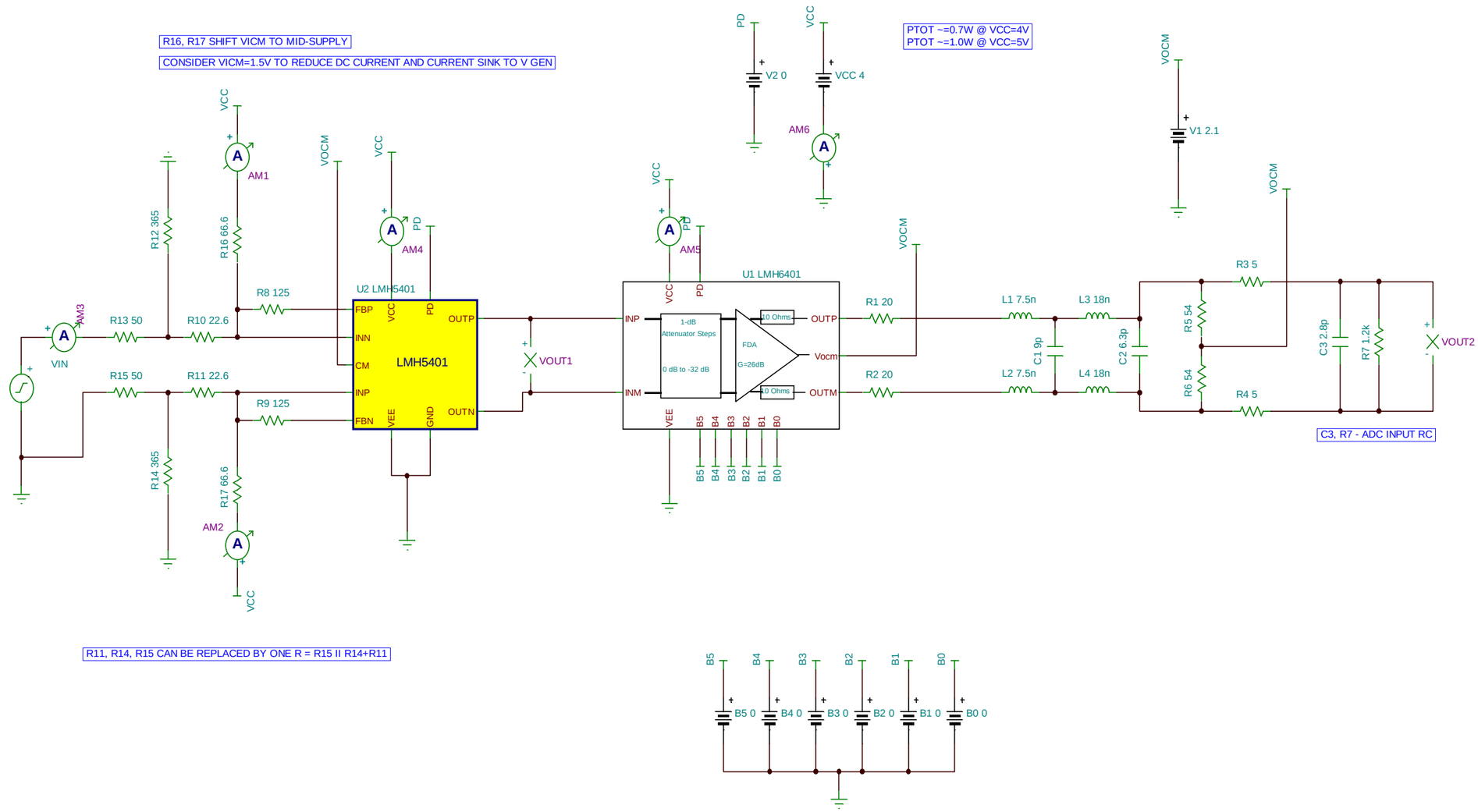
R16, R17 SHIFT VICM TO MID-SUPPLY
CONSIDER VICM=1.5V TO REDUCE DC CURRENT AND CURRENT SINK TO V GEN
PTOT ~=0.7W @ VCC=4V
PTOT ~=1.0W @ VCC=5V
C3, R7 - ADC INPUT RC
R11, R14, R15 CAN BE REPLACED BY ONE R = R15 II R14+R11
U2 LMH5401
LMH5401
FBP
INN
CM
INP
FBN
VCC
PD
VEE
GND
OUTP
OUTN
U1 LMH6401
INP
INM
1-dB
Attenuator Steps
0 dB to -32 dB
FDA
G=26dB
10 Ohms
Vocm
VIN
VOUT1
VOUT2
AM1
AM2
AM3
AM4
AM5
AM6
V2 0
VCC 4
V1 2.1
R12 365
R16 66.6
R8 125
R13 50
R10 22.6
R15 50
R11 22.6
R9 125
R14 365
R17 66.6
R1 20
R2 20
L1 7.5n
L2 7.5n
L3 18n
L4 18n
C1 9p
C2 6.3p
R5 54
R6 54
R3 5
R4 5
C3 2.8p
R7 1.2k
VOCM
B5
B4
B3
B2
B1
B0
B5 0
B4 0
B3 0
B2 0
B1 0
B0 0