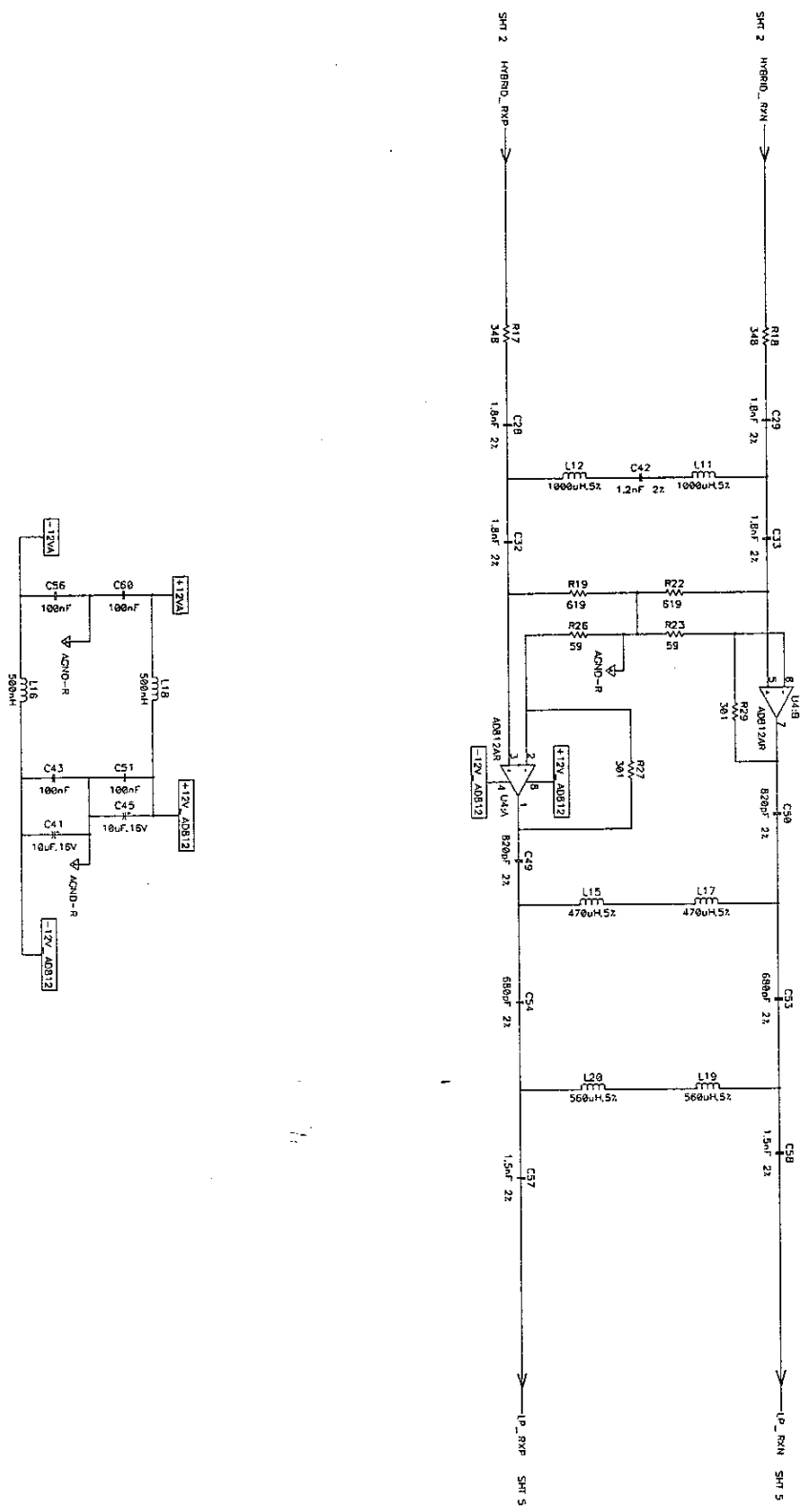


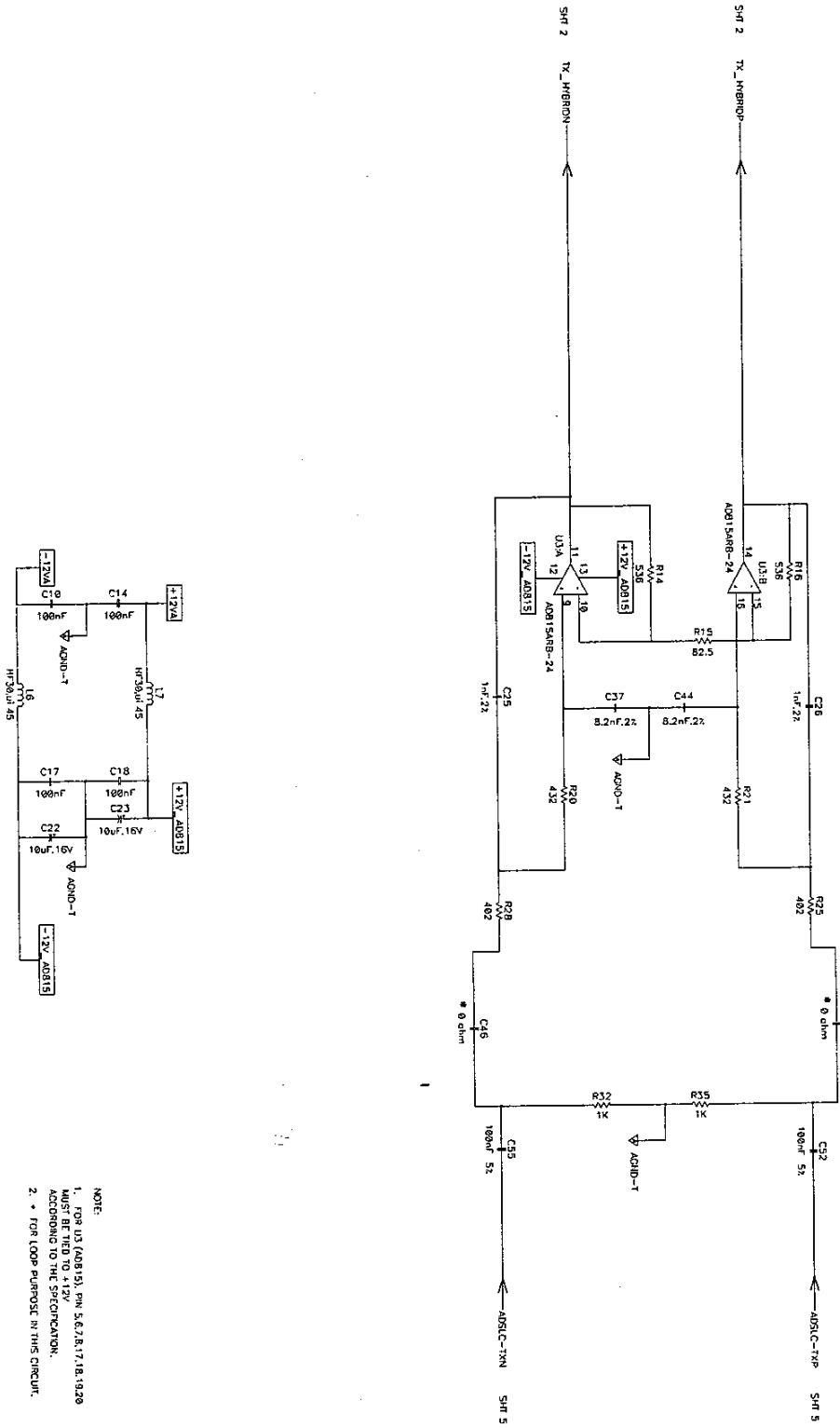
EXHIBIT D

Circuit Diagram

RECEIVE PATH



TRANSMIT PATH



NOTE:
 1. FOR U3 (AD8154), PIN 5, 6, 7, 8, 17, 18, 19, 20
 MUST BE TIED TO +12V
 ACCORDING TO THE SPECIFICATION.
 2. * FOR LOOP EQUIPMENT IN THIS CIRCUIT.

SAM 18K BOARD
 21-070010-00A
 REV B

FORM D-1988-7 REV A

