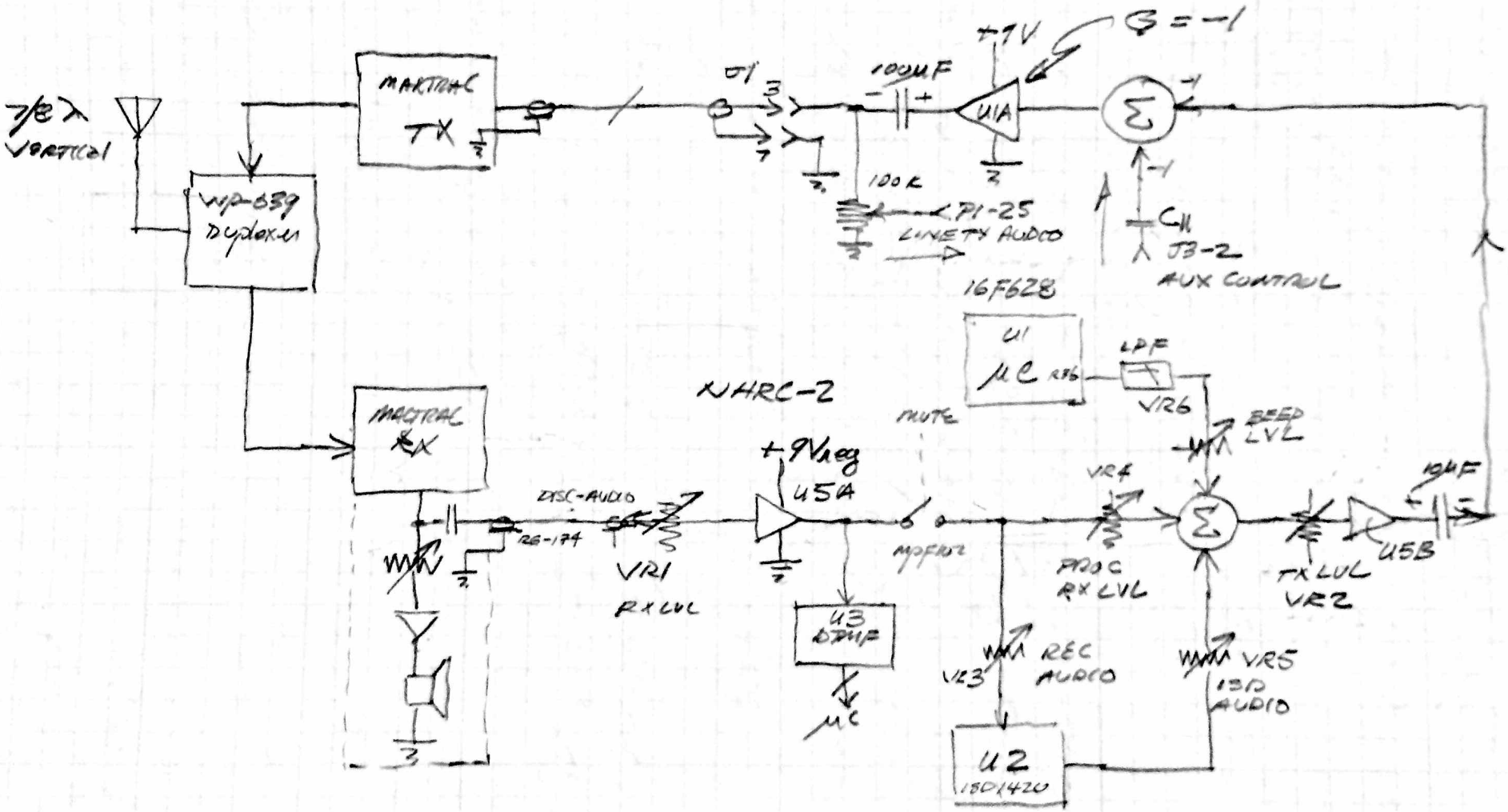ACOP
UCSC Repeater
AUDIO chain