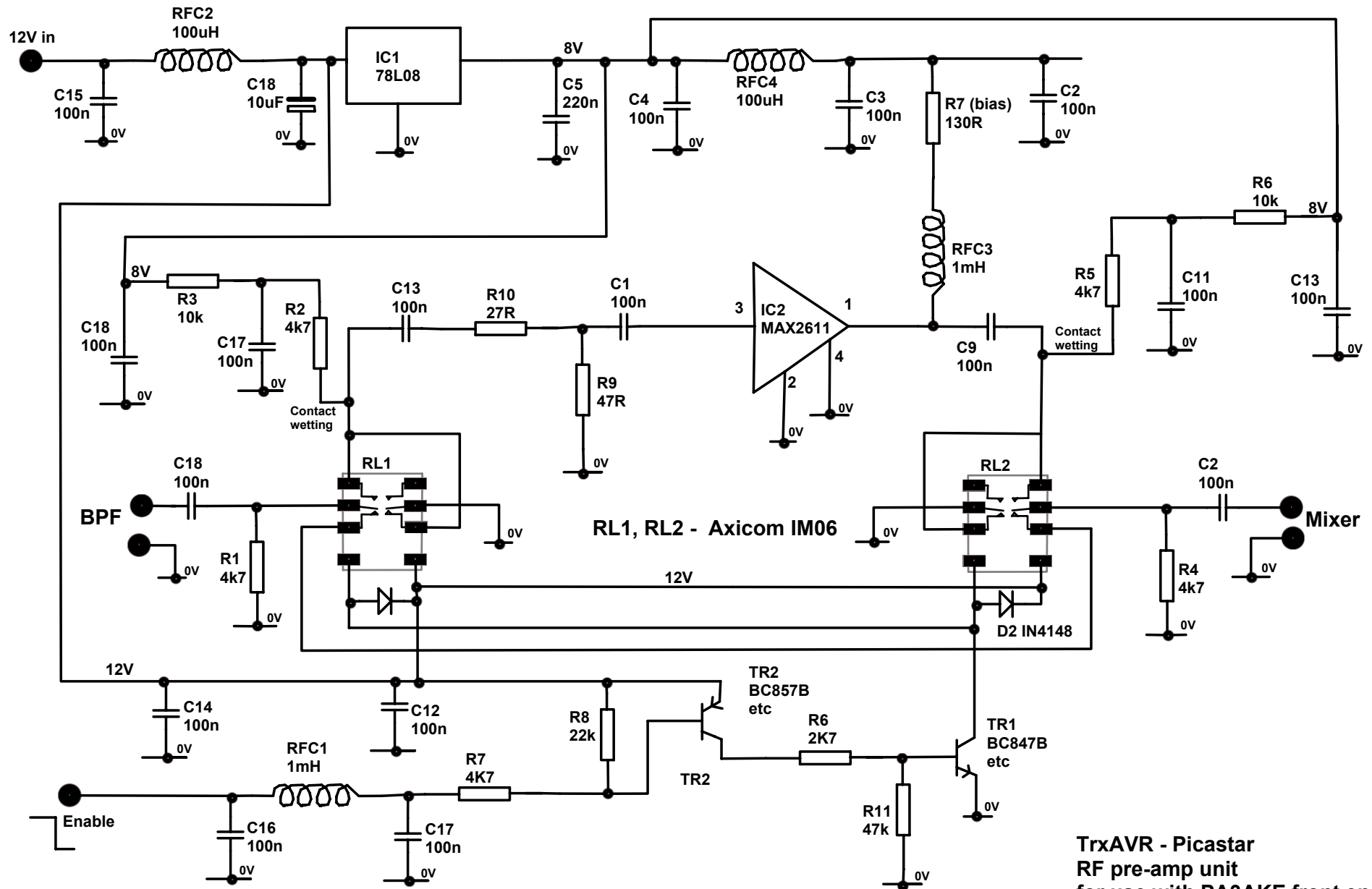


Rbias - see MAX2611 datasheet
 With 8v supply and to have $I_d = 30\text{mA}$
 $R_{\text{bias}} = 4.2\text{v} / 30\text{mA} = 140\text{R}$
 ($R_{\text{bias}} = R7 + \text{resistance of RFC4 and RFC3}$)



Enable switching input:
 - shown for pull down (I use Darlington output from a PCA9555 board)
 For +ve logic switching, omit TR2 and connect R6 to L1/C17

TrxAVR - Picastar
RF pre-amp unit
 for use with PA3AKE front end

Ian Sumner, G3VPX January 2010