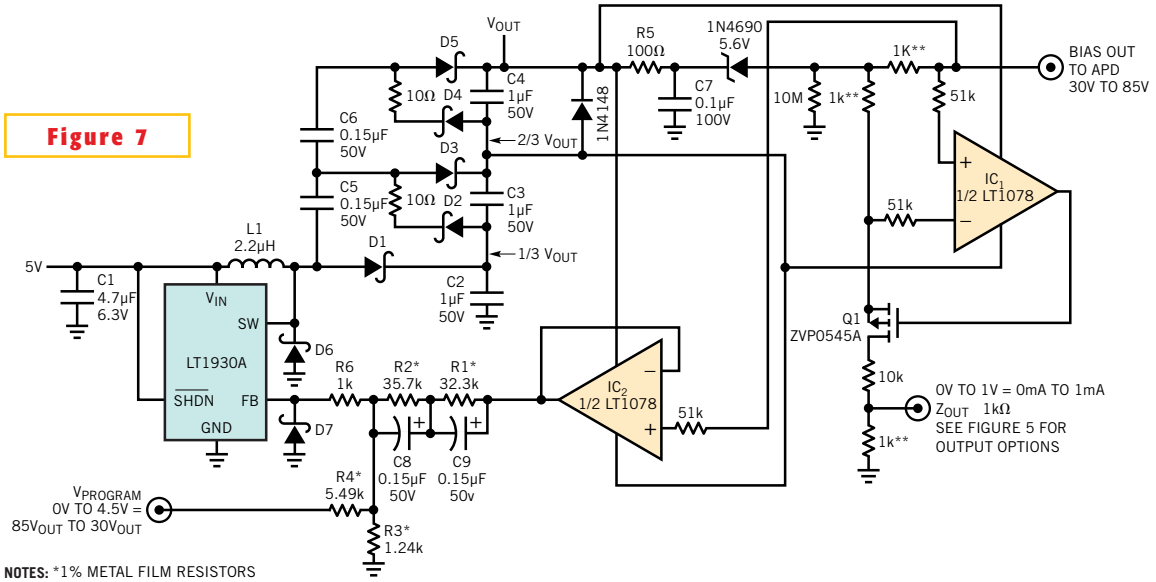
Figure 7



NOTES: *1% METAL FILM RESISTORS
** 0.1% METAL FILM RESISTORS
C1: TAIYO YUDEN JMK212BJ475MG
C2 TO C4: MURATA GRM42-2X7R105K050
C7: TAIYO YUDEN HMK316BJ104ML
C8, C9: VISHAY 695D154X9050AZ
D1 TO D7: CENTRAL SEMI CMDSH2-3TR
L1: MURATA LQH32C2R2M24

Figure 5's current monitor joins with Figure 6's bias supply to provide APD bias and 0.5% current measurement. IC_2 buffers the LT1930A's feedback-path loading from the bias supply's output, eliminating current error.