

Fig. 1. Schottky plots of the spectral thresholds vs. the square root of electric field for (a) the ZrCuAlNi interface and (b) the TaWSi interface as well as for the top electrode Al interfaces with a (c) ZCAN bottom electrode and a (d) TaWSi bottom electrode. The zero field barriers are estimated via linear extrapolation for SiO₂, Al₂O₃, and HfO₂.

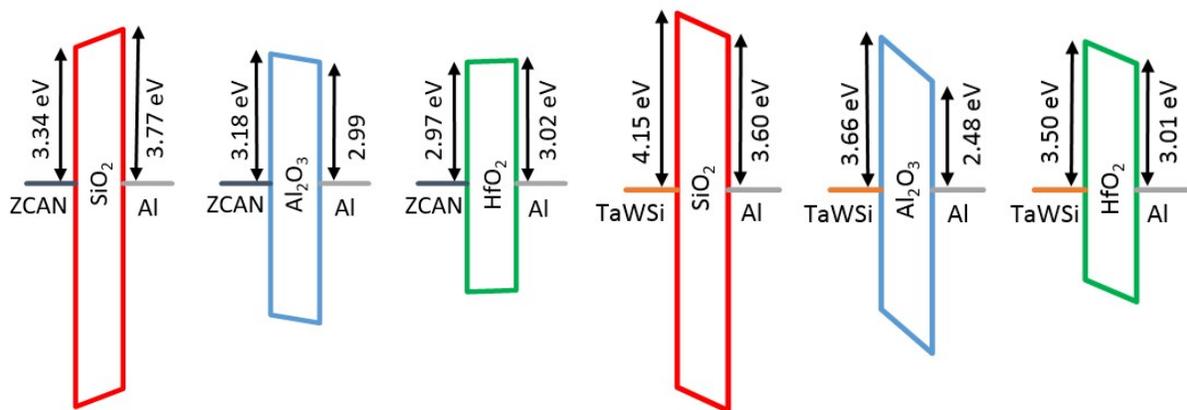


Fig. 2. Band diagrams showing extracted electron barrier heights for MIM devices with Al top contacts and either TaWSi or ZCAN bottom electrodes.