Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supporting Information

Interfacial electronic properties between $PtSe_2$ and 2D metal electrodes: a first-principles simulation

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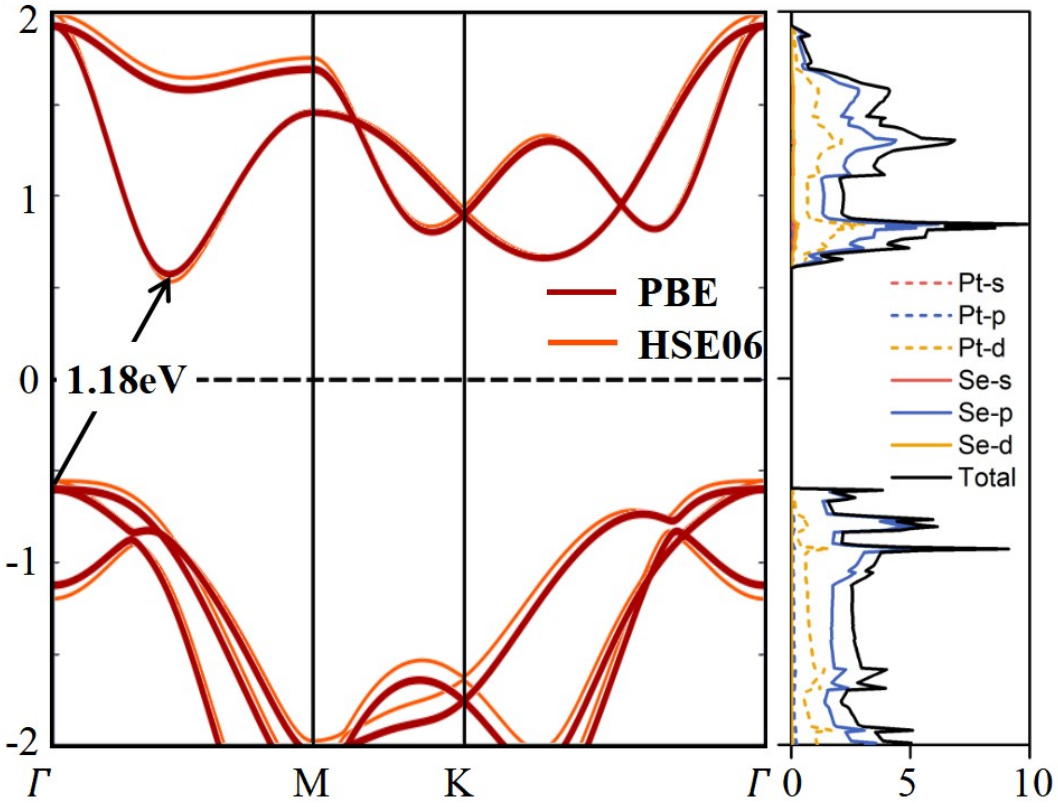

Figure S1. Band structure and PDOS of $PtSe_2$. The Fermi level is set to zero energy and represented by the black dashed line.

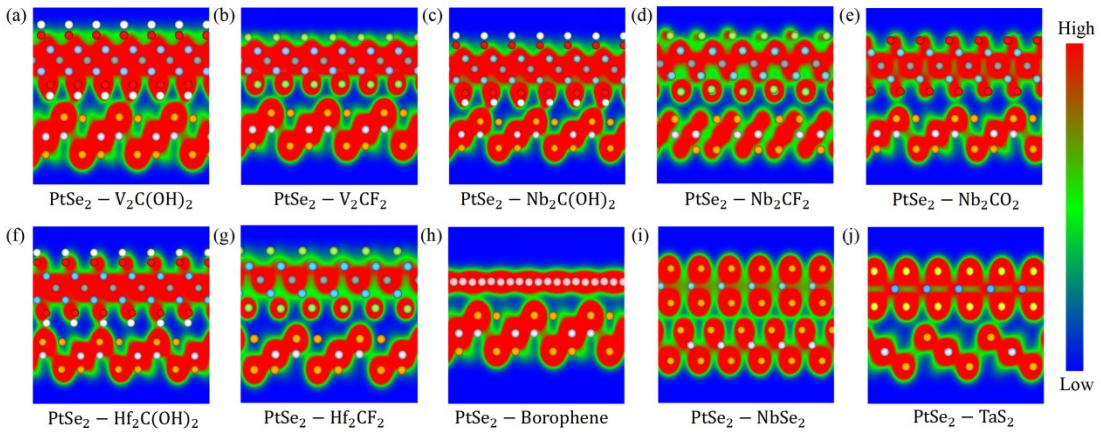

Figure S2. Electron localization function of the $PtSe_2$-2D metal.

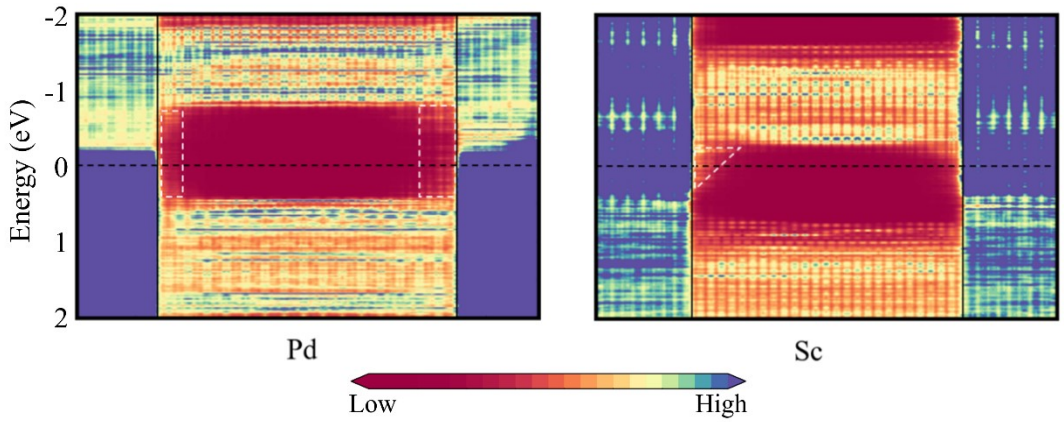

Figure S3. LDDOS of Pd/Sc-$PtSe_2$ FETs at zero bias voltage. The black dashed line is the Fermi energy level, the white dash box is the MIGs.