



Conduction
band

The diagram consists of a large rectangle divided into three horizontal sections. The top section is white and labeled 'Conduction band'. The middle section is a dark gray band, representing the overlap between the conduction and valence bands. The bottom section is white and labeled 'Valence band'. To the right of the gray band, the text 'Overlap' and 'No appreciable energy gap' is written.

Overlap
No
appreciable
energy gap

Valence
band