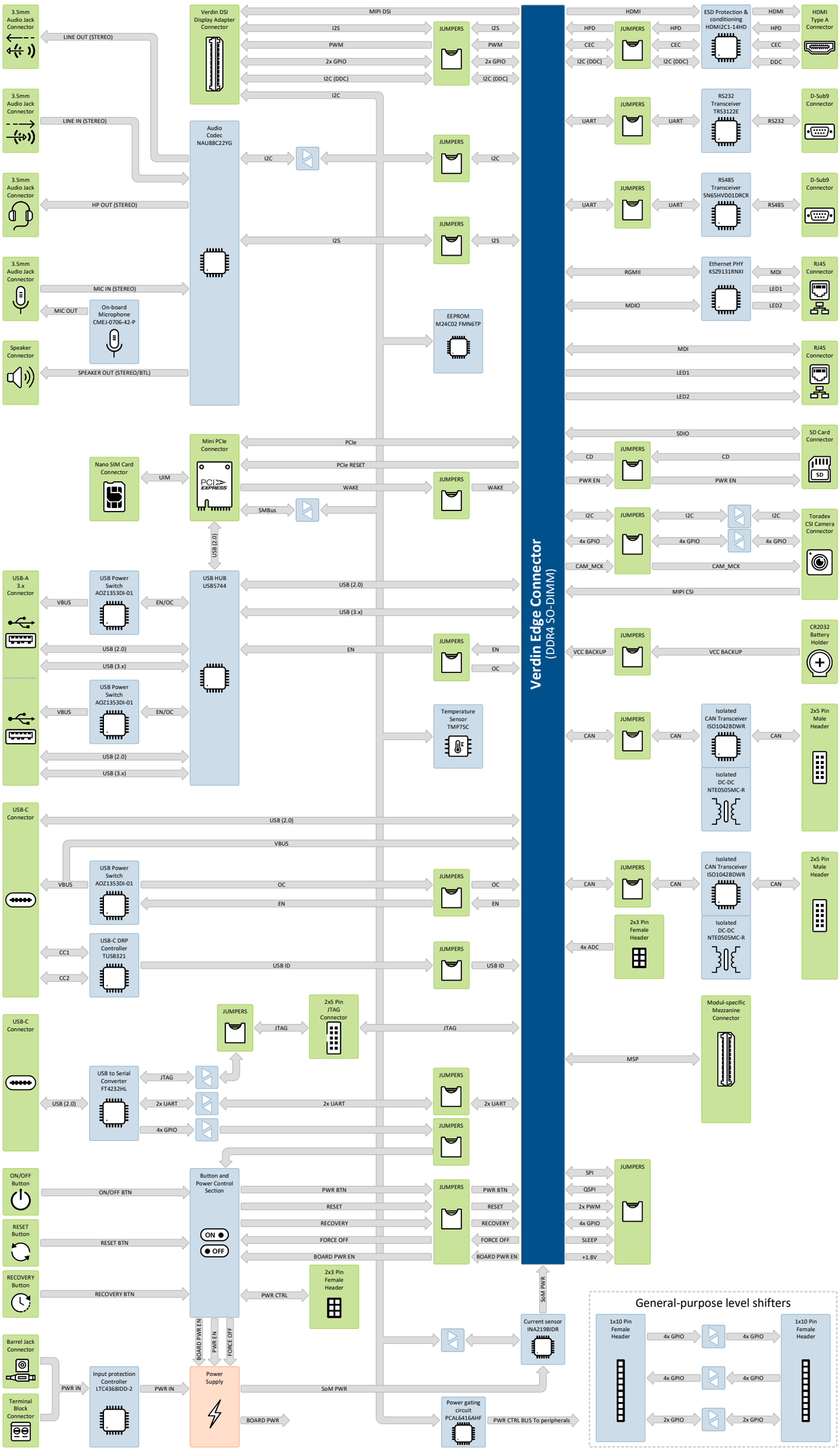Verdin Development Board Block Diagram