

SC2200 Hardware Package

This folder contains the schematic, BOM, layout, and fabrication assembly drawings for the SC2200 Reference Design Board (RDB). There are three different RDBs with the same layout. Only the BOM change based on the desired frequency range. The RDBs cover three frequency ranges:

- SC2200-RDB900: 698–960MHz
- SC2200-RDB1900: 1800–2200MHz
- SC2200-RDB2400: 2300–2700MHz

The RDBs are not to be confused with any variation of the SC2200-EVKs (evaluation kits).

The EVKs are designed for ease of use and evaluation. The EVKs include extra components that should not be included in the customer's design.

Customers must use the RDB design files to design their own boards. The RDBs are optimized with reduced BOM and footprint compared to the EVKs. For design considerations, please see chapter 2 in the [SC2200 Hardware Design Guide](#). You can find all design files under the “Design Resources” tab of the [SC2200 Product Page](#).

“Altium”

This folder contains Altium layout files for the RDB.

“FAB_ASSEMBLY_DRAWINGS”

This folder contains the fabrication assembly drawings for the RDB.

“Schematic_BOM”

This folder contains the schematics and BOM's for the RDB's. There is a schematic and BOM for each RDB in pdf format. There is also an Altium schematic file (.SCHDOC) for each board.