FERSat – PCB – Design Layer Usage Standard   
(FS-PCB-DMLUS)

**Mechanical Layers**

**Mechanical 1 -** Board Outline

**Mechanical 2 -** Board Cutout

**Mechanical 3 -** Board Centerlines, special points

**Mechanical 4 -** Board Measures, info, etc

**Mechanical 5 -** Reference, component position marks

**Mechanical 6 -** Assembly Text Top (i.e. Designator)

**Mechanical 7 -** Assembly Text Bottom (i.e. Designator)

**Mechanical 8 -** Assembly Drawing Top

**Mechanical 9 -** Assembly Drawing Bottom

**Mechanical 10 -** Enclosure Drawing Special

**Mechanical 11 -** Enclosure Drawing Top

**Mechanical 12 -** Enclosure Drawing Bottom

**Mechanical 13 -** 3D Top

**Mechanical 14 -** 3D Bottom

**Mechanical 15 -** Courtyard Top

**Mechanical 16 -** Courtyard Bottom

**Layer Pairs**

* Mechanical 6 (top) + Mechanical 7 (bottom)
* Mechanical 8 (top) + Mechanical 9 (bottom)
* Mechanical 11 (top) + Mechanical 12 (bottom)
* Mechanical 13 (top) + Mechanical 14 (bottom)
* Mechanical 15 (top) + Mechanical 16 (bottom)