

Подп. и дата

Инв. № подп.

Подп. и дата

Взам. инв. №

Инв. № дубл.

Подп. и дата

| Инв. № подп. | Подп. и дата | Взам. инв. № | Инв. № дубл. | Подп. и дата |
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| Изм. Лист | № докум. | Подп. | Дата | |
| Разраб. | Styuf Alexey | | | |
| Проб. | | | | |
| Т.контр. | | | | |
| Н.контр. | | | | |
| Утв. | | | | |

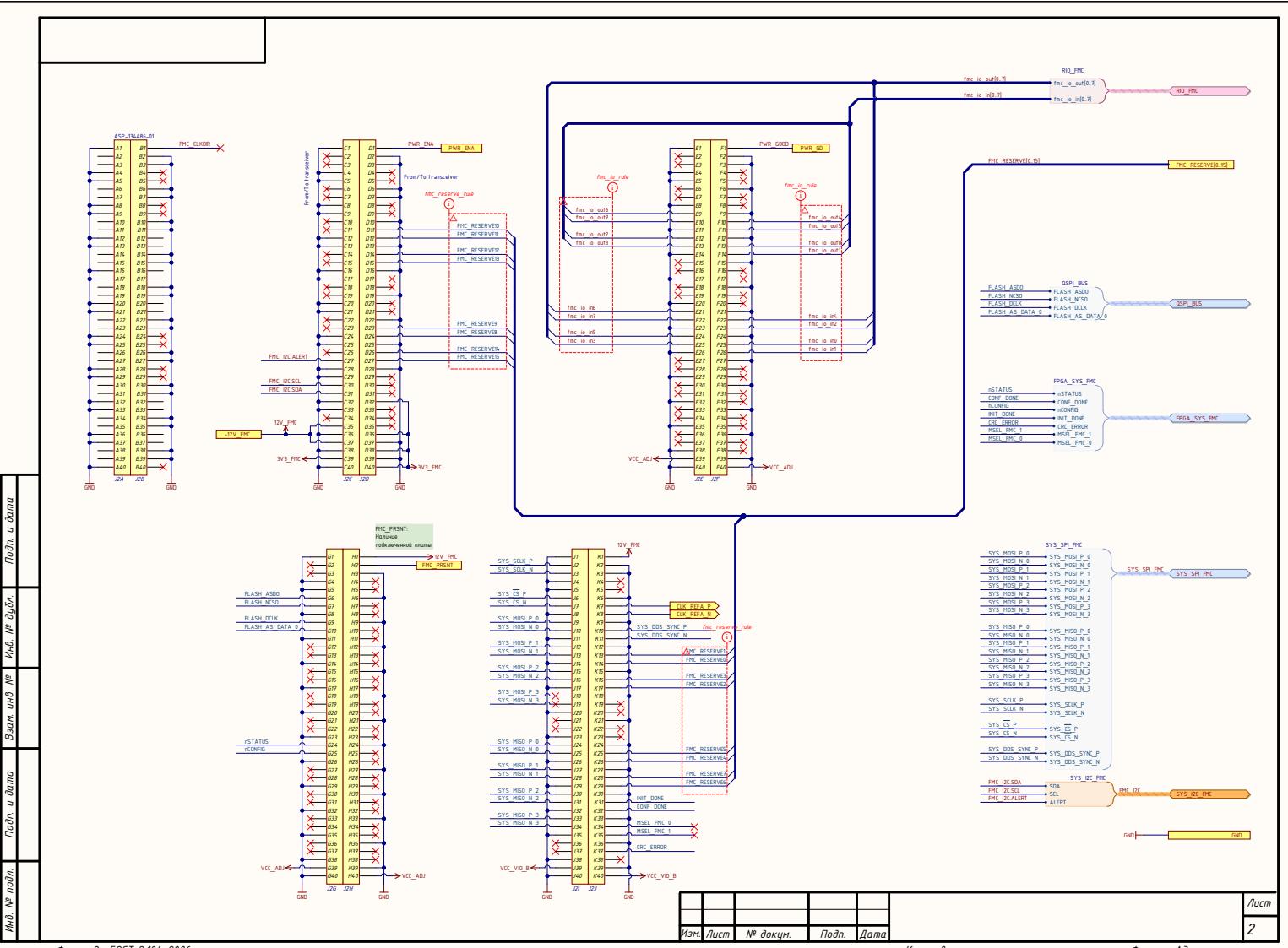
LLRF-FMC_Extension
FMC Cable extension

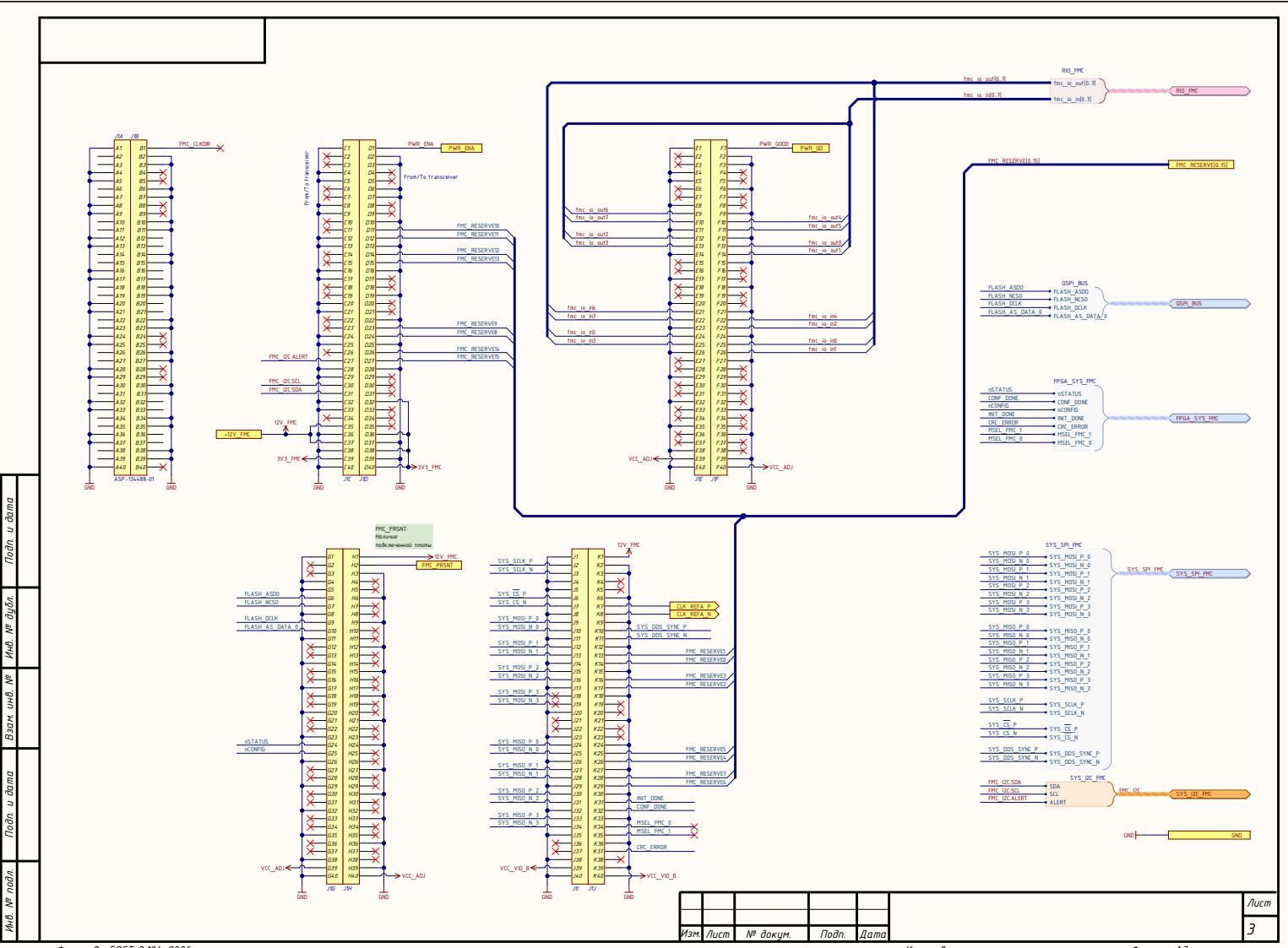
Литера Масса Масштаб

Лист 1 Листов 3

CosyLab Siberia

v0.3





Изм. Лист № докум. Подп. Дата

Копировал

Формат А3

Лист
3

RP1

RP3

RP2

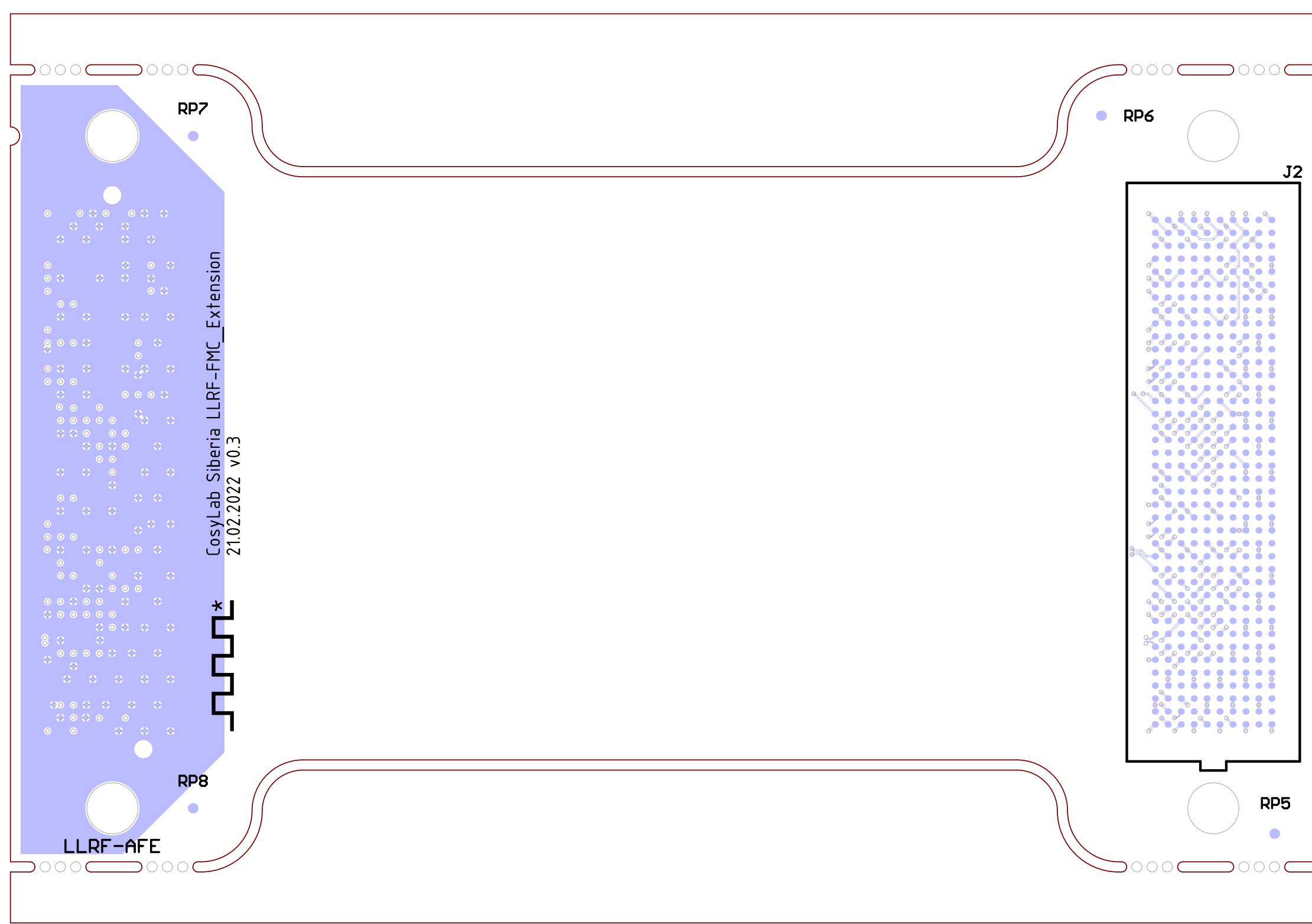
RP4

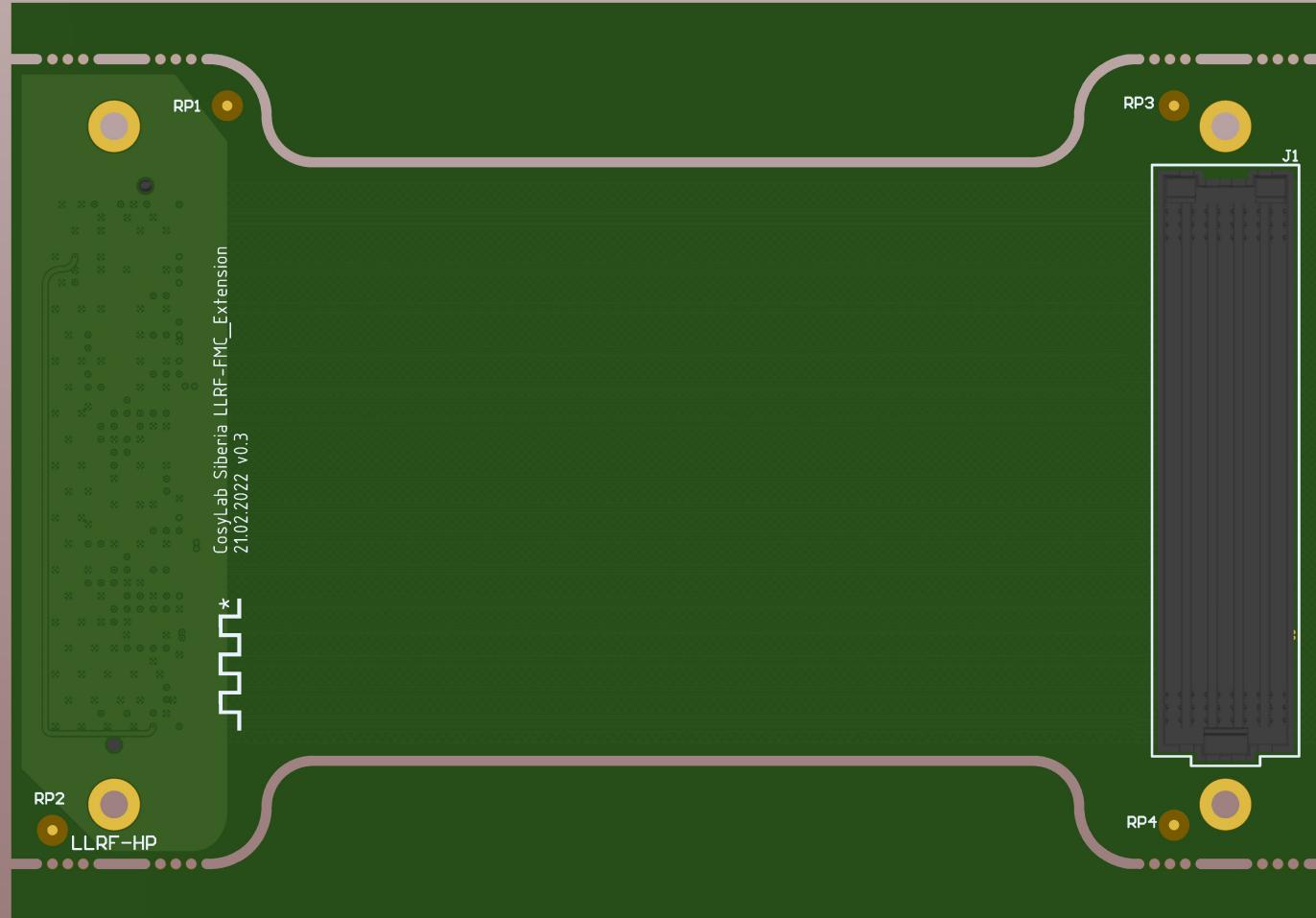
LLRF-HP

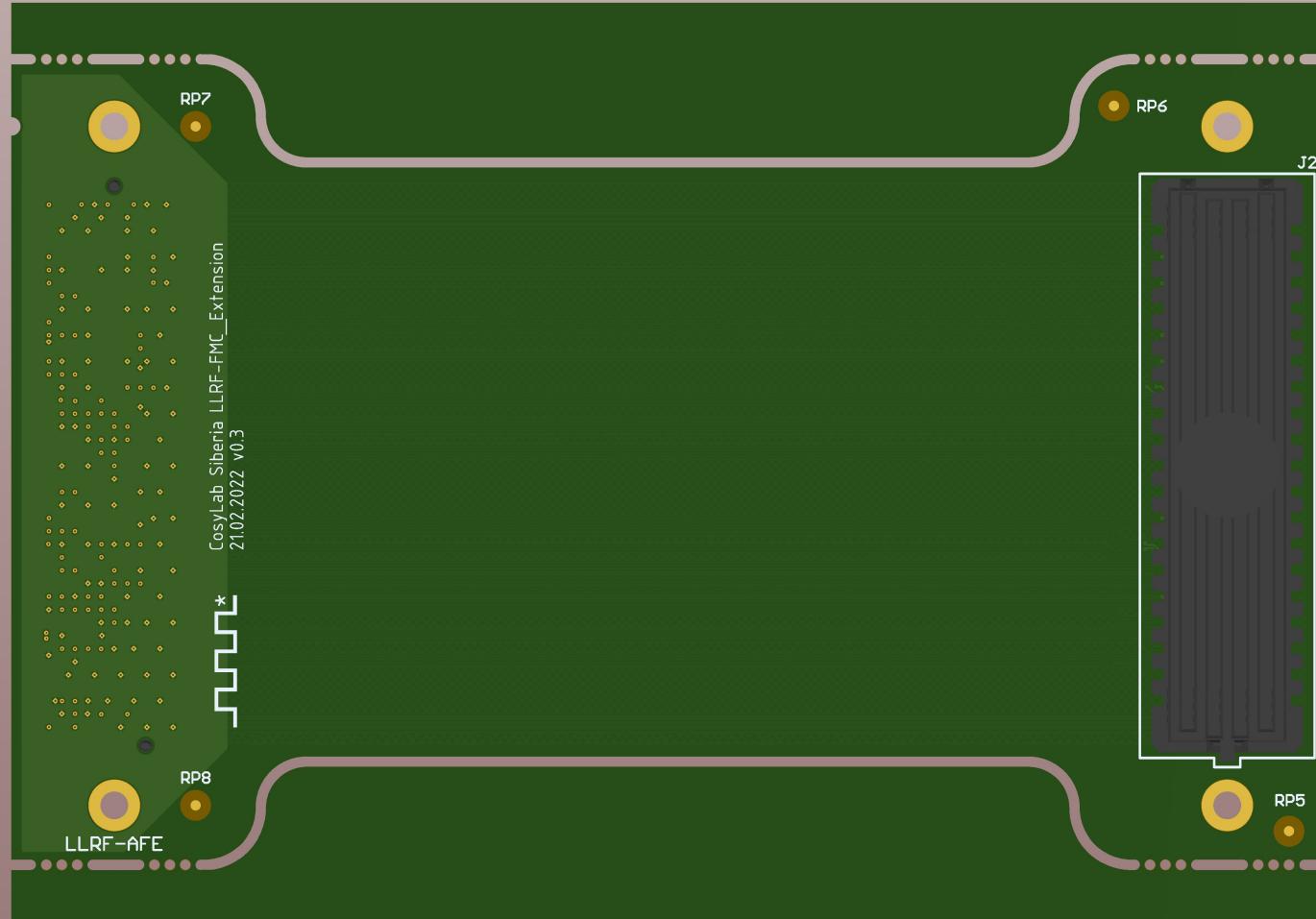
CosyLab Siberia LLRF-FMC_Extension
21.02.2022 v0.3

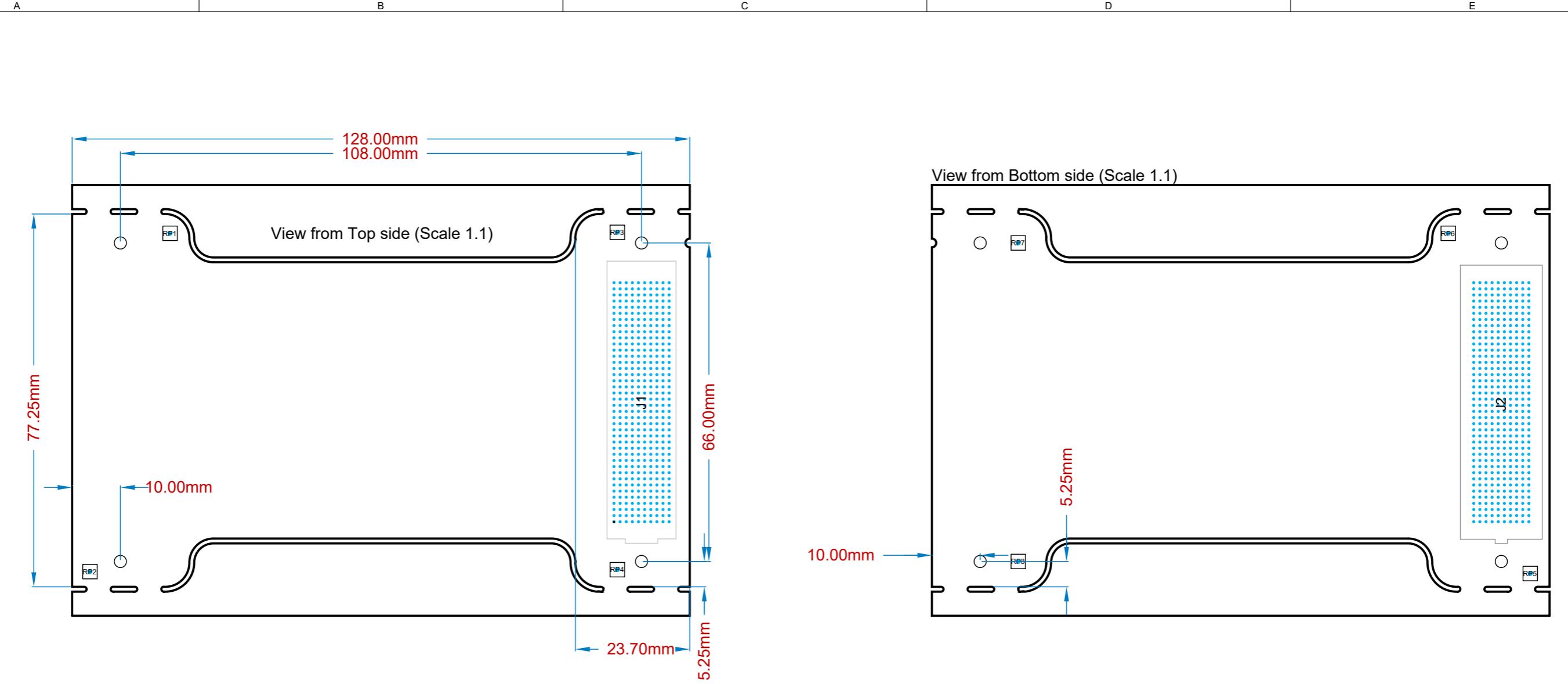
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J1









Bill Of Materials

| Line # | Designator | Comment | Quantity |
|--------|--|---------------|----------|
| 1 | J1 | ASP-134486-01 | 1 |
| 2 | J2 | ASP-134488-01 | 1 |
| 3 | RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 | RP | 8 |

| Designator | Назначение | Наименование | Value | Footprint | Quantity |
|--|--|----------------|-------|---------------|----------|
| J1 | FMC HPC. Terminal Array Assembly, Surface Mount, 0.050" Pitch, 400 Pins | ASP-134486-01 | | ASP-134486-01 | 1 |
| J2 | FMC HPC socket Array Assembly, Surface Mount, 0.050" Pitch, 400 Pins | ASP-134488-01 | | ASP-134488-01 | 1 |
| RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 | реперная метка для автоматического монтажа | Реперная метка | | ReperPoint | 8 |

Board Stack Report

| Stack Up | | Layer Stack | | | | |
|------------------|-------------------|------------------|----------------------|---------------|-----------|----------|
| Layer | Board Layer Stack | Flex | Name | Material | Thickness | Constant |
| 1 | | | TopPaste | | | |
| 2 | | | TopOverlay | | | |
| 3 | | | Flex Bottom Coverlay | FC-001 | 0,012mm | 4 |
| 4 | | | TopSolder | Solder Resist | 0,025mm | 3,5 |
| 5 | | | TopLayer | Copper | 0,018mm | |
| 6 | | | Dielectric1 | FR-4 | 0,700mm | 5,1 |
| 7 | | | Adhesive 1 | LF0100 | 0,175mm | 3,6 |
| 8 | | | FlexLayer1 | Copper | 0,018mm | |
| 9 | | | Dielectric 2 | AP8545R | 0,075mm | 3,4 |
| 10 | | | FlexLayer2 | Copper | 0,018mm | |
| 11 | | | Adhesive 2 | LF0100 | 0,175mm | 3,6 |
| 12 | | | Dielectric 3 | PP-001 | 0,700mm | 5,1 |
| 13 | | | Bottom Layer | Copper | 0,018mm | |
| 14 | | | Bottom Solder | Solder Resist | 0,025mm | 3,5 |
| 15 | | | Flex Top Coverlay | FC-001 | 0,012mm | 4 |
| 16 | | | Bottom Overlay | | | |
| 17 | | | BottomPaste | | | |
| Height : 1,596mm | | Height : 0,485mm | | | | |