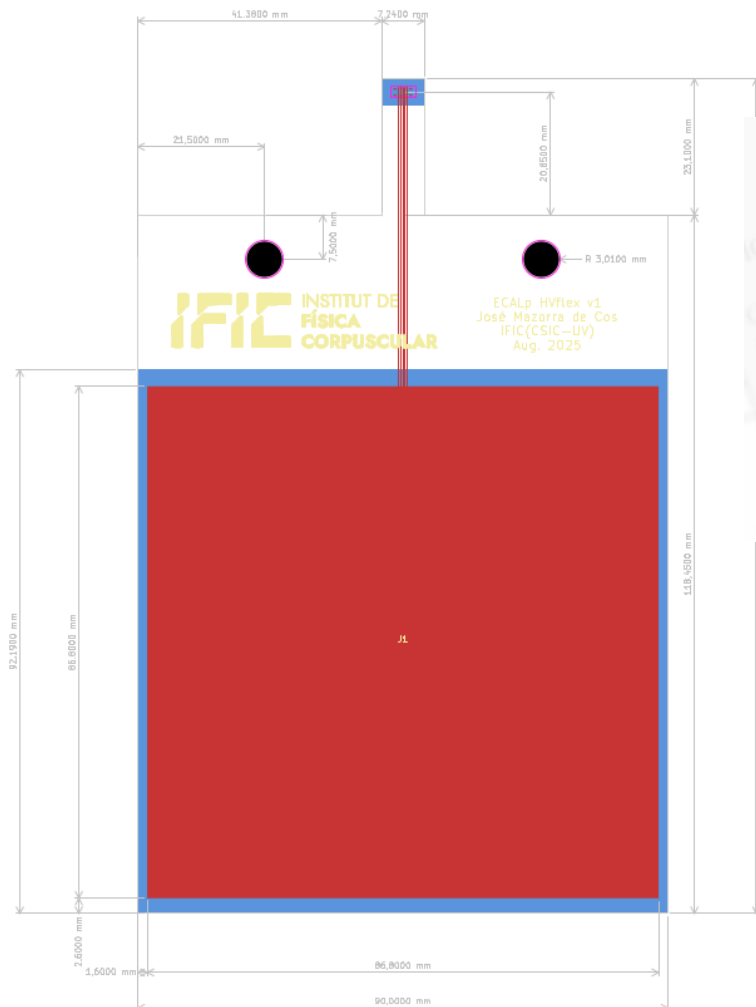


Super HV kpton

A. Irles, C. Orero on behalf the AITANA LUXE group
(with support form J. Mazorra - electronics)

****AITANA group at IFIC – CSIC/UV***





Layer	Type	Thk (mm)
-	F.SilkS	Overlay
-	F.Mask	Solder Mask
1	F.Cu	Signal
-	Dielectric 1	Dielectric
2	B.Cu	Signal
-	B.Mask	Solder Mask
-	B.SilkS	Overlay
	Total	0.4115

IFIC (CSIC-UV)

Sheet:

File: HVflex_ECALp.kicad_pcb

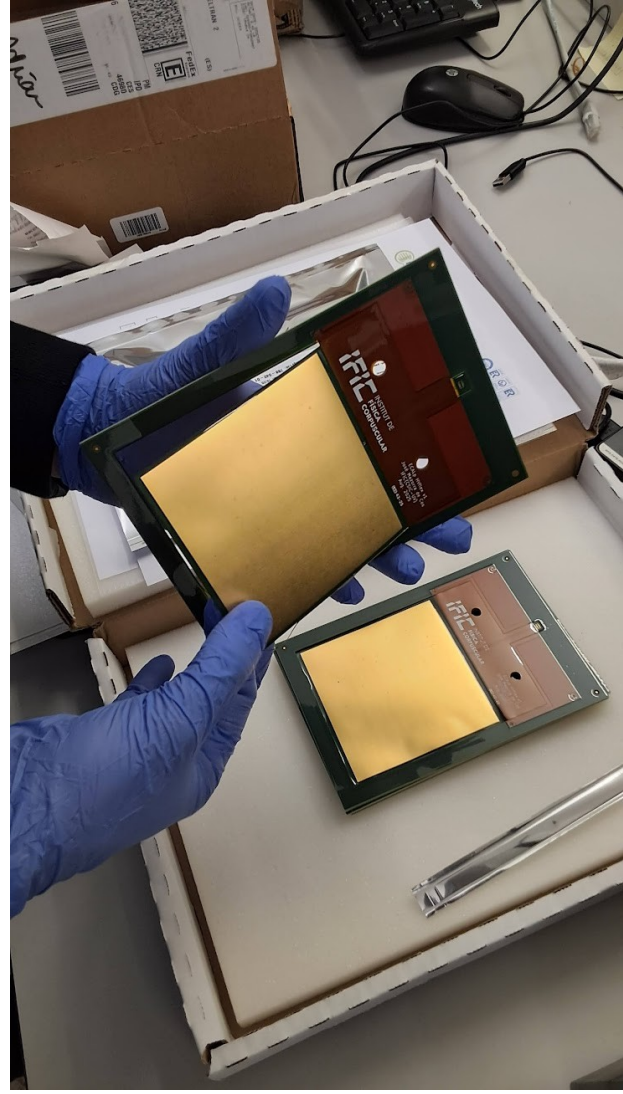
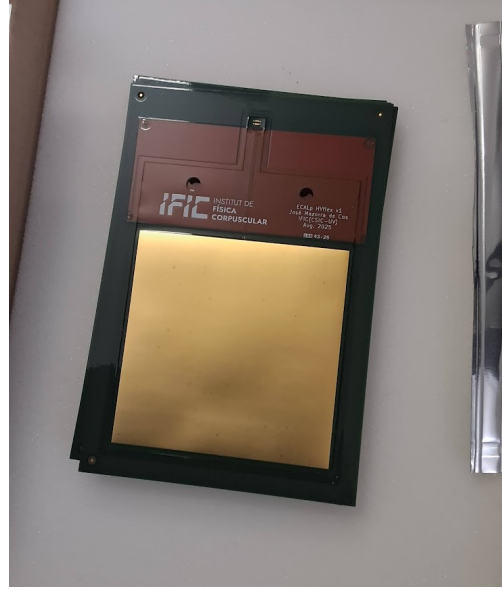
Title: High voltage bias flex for ECALp

Size: A4 Date: 2025-07-31

KiCad E.D.A. 8.0.9

Rev: v1

Id: 1/1







Air flow (not 100% tight vacuum... but doesn't seem an showstopper)



- ▷ We got 10 prototypes.
- ▷ Planning to send 2 to Poland (1 Krakow, 1 Warsaw); 1 to South Korea (I got contact with SKKU university and EOS company) <http://www.eos.co.kr/?ckattempt=1>
- ▷ The look very nice
 - Improvable cutting of edges
 - we didn't ask about this to the company... can we do it ourselves with laser?
- ▷ Glueing tests:
 - I have a batch of glue that expires in February.
- ▷ My idea is to make:
 - 2 (or 4?) prototypes of SuperHV+sensor+FO → YES (agreed during the meeting)
 - 2 prototypes of normalHV+sensor+FO (i.e. w/o CF) → NO (agreed during the meeting)
 - For comparisons and mechanical tests.