

# AMS02 Tracker hybrids: inspection form

Date: ...../...../200..... Time: .....  
Hybrid: 2025-.....-..... Controlled by: .....

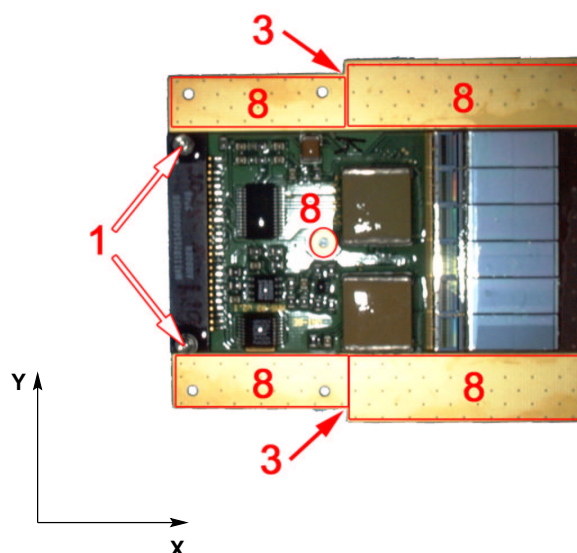
good ☐

spare ☐

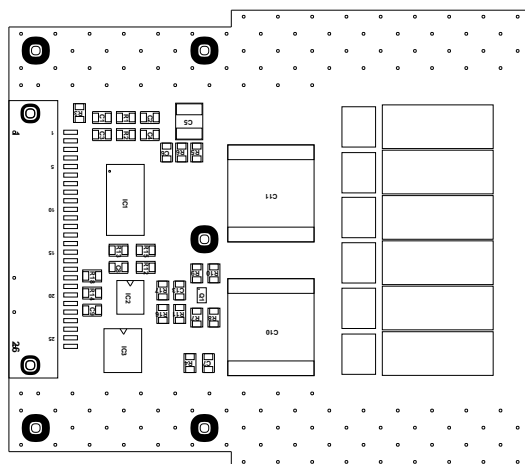
rejected ☐

## 1 Mechanical and visual inspection

	Yes	No	Comment
1. Connector is screwed and screws are glued	<input type="checkbox"/>	<input type="checkbox"/>	.....
2. Hybrid is lying properly on a flat surface	<input type="checkbox"/>	<input type="checkbox"/>	.....
3. Where the PCB becomes wider, the angles are sharp	<input type="checkbox"/>	<input type="checkbox"/>	.....
4. Capacitor chips are correctly positionned: ➤ Along X	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ Along Y	<input type="checkbox"/>	<input type="checkbox"/>	.....
5. Capacitor chips are correctly glued	<input type="checkbox"/>	<input type="checkbox"/>	.....
6. Bonds are present (also check bond quality): ➤ VA control bonds	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ Bias bonds (PCB-VA) and (VA-Capa)	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ VA-Capa signal bonds	<input type="checkbox"/>	<input type="checkbox"/>	.....
7. Hybrid is clean (in particular the conformal coating)	<input type="checkbox"/>	<input type="checkbox"/>	.....
8. Is there conformal coating in the following regions: ➤ In front of the capacitor chips ?	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ On the bonding pads of the capacitor chips ?	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ On the fixation hole ?	<input type="checkbox"/>	<input type="checkbox"/>	.....
➤ Cooling region ?	<input type="checkbox"/>	<input type="checkbox"/>	.....



## Comments

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## 2 Electrical inspection

Date: .....	Time: .....
Hybrid: .....	Controlled by: .....

This image shows a full page of white paper with horizontal black lines, resembling notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.