SP.AS00325 – Blue board CPU kit

- T1/T2/T3

Rev 1.0 2023-10-16

Scope

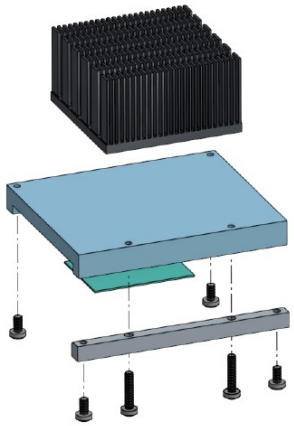
This document instructs how to replace CPU module on Carrier board MKII (Blue Board).

BoM Blue board CPU kit

Kit should include:

CPU module

Heatsink kit

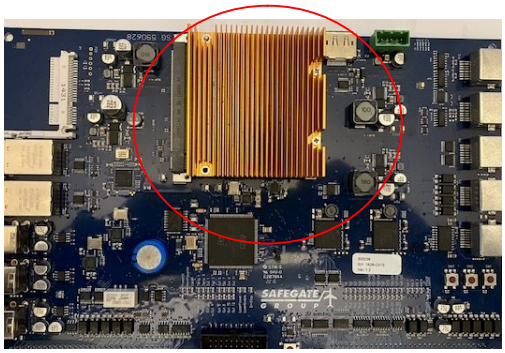
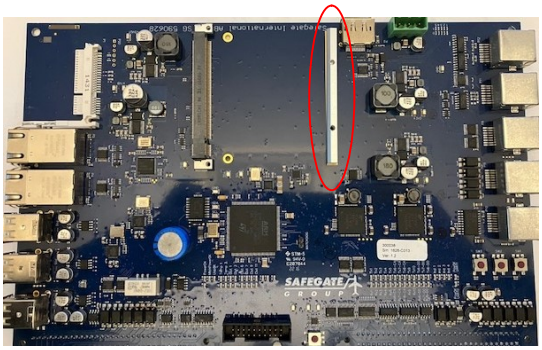


Qty	Description
1	Gap Pad 33x25x0.5 mm
1	Heat Spreader H6075
1	BGA Heat Sink :: Cross-Cut Tape On
2	Metric screw MRT M2.5x12H FZB
4	Metrix screw MRT M2.5x5H FZB
1	Q7 heat bar (DFI: A31-028000-200G)

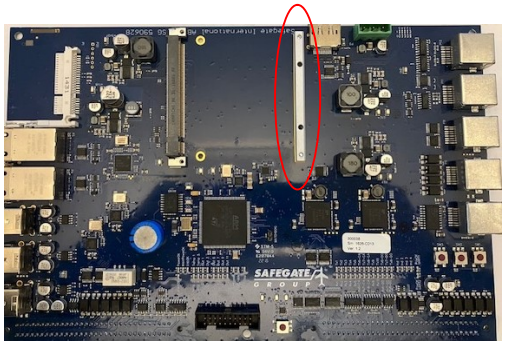
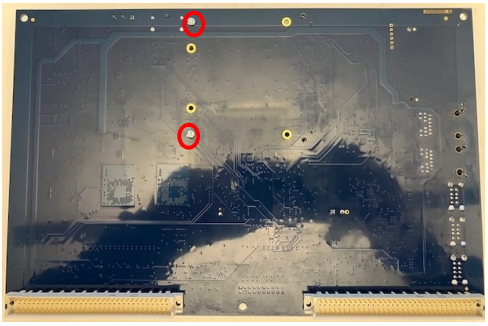
CFast card with SOS

Instructions

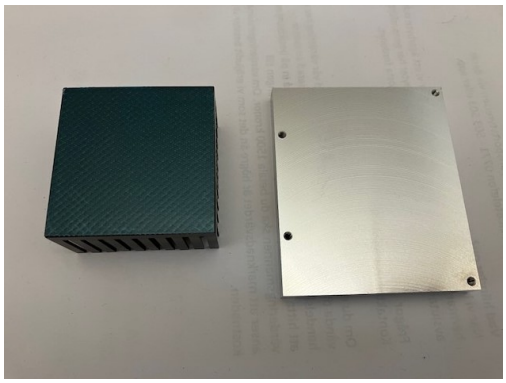
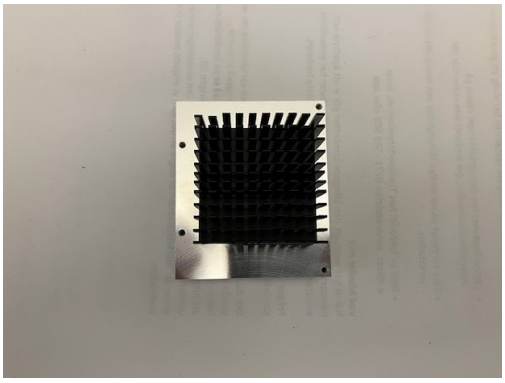
1. Disassembly CPU module and heat bar.

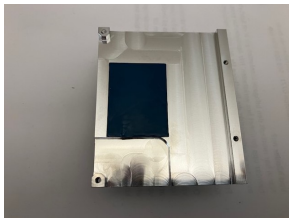
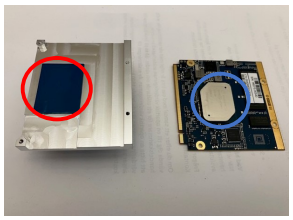
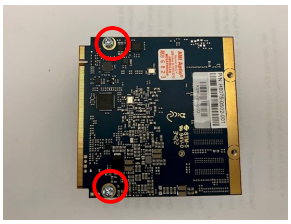
2. Assembly new heat bar with 2 screws M2,5x5 on back side of Carrier board

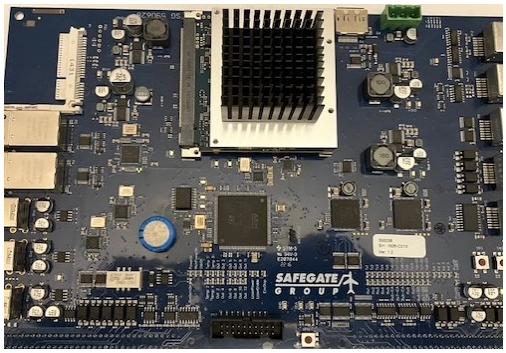
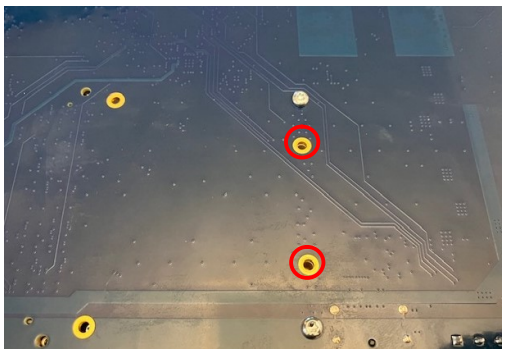
3. Take Heat sink and Heat spreader. Remove protection on Heat sink adhesive and assemble Heat sink on Heat spreader. Press for a couple of seconds.

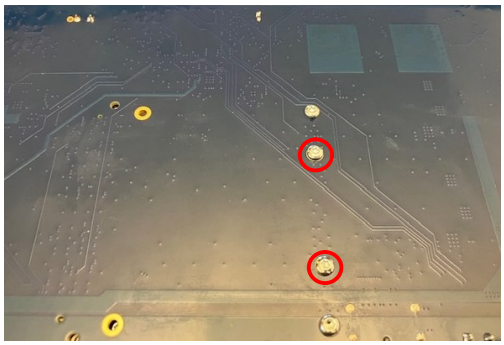
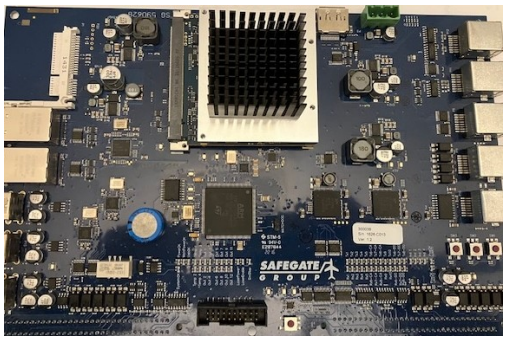



4. Remove protection on gap pad the mount CPU module on Heat spreader, area of blue circle should be placed on gap pad (red circle), 2 screws M2,5x5

5.   

6. Mount CPU module on Carrier board and use 2 screws M2,5x12 on back side of Carrier board.

7.  

8. If needed replace CFast card