



**estec**

European Space Research  
and Technology Centre  
Keplerlaan 1  
2201 AZ Noordwijk  
The Netherlands  
T +31 (0)71 565 6565  
F +31 (0)71 565 6040  
www.esa.int

**Systronic**  
**att. Mr X Mougenot**  
**6, avenue de l' atlantique**  
**Z.A. Courtaboeuf**  
**91955 Les Ulis Cedex**  
**France**

Our ref.                    **ESA-TECMSP-LE-019334**

Noordwijk, 23/09/2020

VISA: T Rohr (TEC-MSP)

**Subject: Qualification renewal of epoxy PCBs from Systronic**

Dear Mr Mougenot,

Systronic submitted two PCBs of rigid and rigid-flex FR4 epoxy technology to ESA for qualification renewal in April and May 2020. The results are reported in ESA-TECMSP-TR-019097 and ESA-TECMSP-TR-019775. The inspected boards showed no deviation from the specification.

Systronic is considered qualified in accordance with ECSS-Q-ST-70-60C for the manufacture of Printed Circuit Boards as follows:

- Rigid-flex non-sequential FR4 epoxy PCBs in accordance with PID 4 v11 until 1 Sep 2022
- Rigid non-sequential FR4 epoxy PCBs in accordance with PID 1 v11 until 1 Sep 2022

Best regards,

Jussi Hokka  
Materials & Processes Section