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TUV SUD America Inc.
10 Centennial Drive
Peabody, MA 01960, USA

Our reference
Project-No PRJ0592

your reference

date
29/03/2022

Reference

C2PC for FCC ID: 2ASIZ-00001 and IC: 24737-00001
C2PC/ for IC: Model/HVIN: MBAC BM V001 and MBAC EM V001

Dear Sir or Madam,

Pursuant to FCC Rule Part 2.1043, and ISD RSP-100 Sec. 7, we hereby submit a request for FCC C2PC for FCC ID: 2ASIZ-00001, and to Existing Certification IC: 24737-00001, Model/HVIN: MBAC BM V001 and MBAC EM V001

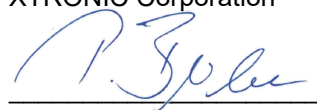
Description of the change :

The differences between model/HVIN: MBAC BM V001 and MBAC EM V001 and previously approved model(s) shown below:

1. Old: SPC560B50L1 → new: SPC560C50L1
2. No MDC/MDIO interface anymore
3. KSZ8895: Serial Bus Configuration => SPI
 - a. PS[1:0] == 10 => R372 populated (R373 still not populated)
 - b. MDIO/MDC disconnected R380, R382, R374, R375 removed
 - c. Reset and Shutdown signal : low pass removed (C313, C324)
 - d. R369 populated with 200 Ohm (previously not populated)
 - e. C312 new value 47uF (previously 22uF)
4. Add. capacitor 16pF/0402 at clock line RMII (KSZ8895 Phytex) as option (not populated)
5. Schottky diodes at input of LDOs (GW, IO, BT)
6. Capacitor 4,7uF/50V at input LDO GW
7. Schottky diode at input of stepdown converter (5V, 3V3, 1V8)
8. Q1 replaced by SQ7415CENW T1_GE3 (previously SQ7415AENW T1_GE3) => same type

The Radio module remains unchanged.

Sincerely,
XTRONIC Corporation



Dr. Peter Buehrle
CEO
XTRONIC GmbH