

New Release

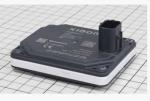
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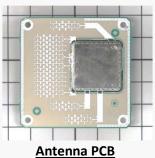
Millimeter-Wave Radar: Xiaomi SU7 Teardown Report



Xiaomi SU7 (from Web info)
https://hu.motor1.com/news/70306
4/xiaomi-su7-onallo-parkolas-video/



<u>Overview of</u> <u>Millimeter-Wave Radar</u>





Control PCB

<u>Overview</u>

Xiaomi, the Chinese electrical appliance maker announced its first battery electric vehicle (BEV) Xiaomi SU7 in March 2024. Xiaomi SU7 is available in three grades-Standard(RWD), Pro(RWD), and Max(AWD). This vehicle is equipped with Xiaomi Pilot, a newest automated driving system. This is a teardown report of millimeter-radar installed in Xiaomi SU7 Max.

Product features

- Manufacturer: Continental, Model Number: ARS513XM14 (Model ARS5-B)
- Adaptive cruise control system
- Emergency brake assist compatible with EuNCAP18, EuNCAP20 and other NCAP standards
- Traffic Continuous Display, Traffic Jam Assist (in combination with the camera)
- Occlusion detection/automatic alignment
- Safety Integrity Level complied with altitude measuring function ISO 26262: EBA: max. B
- Compatible with spectrum approval integration compliance cameras, navigation systems, etc.

in the major countries; EU/Russia/USA/Canada/Japan/Korea/China/Australia

Report Contents (17 pages)

- Product teardown (until PCB removed), parts measurement (size & weight)
- Identification of key ICs on the PCB (including datasheet, if we found).

Report price

Delivery one week after order placement

Please contact us for report pricing

Note:

PCB circuit analysis report is also under planning.

Please contact us, if you are interested.



LTEC Corporation US Representative Office www.ltec-biz.com/en/2310 Homestead Rd, C1 #231 Los Altos, CA 94024

Phone: +1-(650) 382-1181 Contact2@ltec.biz

> Report No : 24G-0152-1 Release day : 2024.08.09

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