New Release

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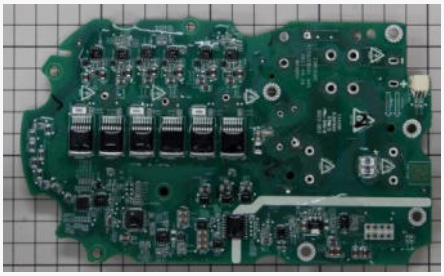
Compressor: Xiaomi SU7 Teardown Report

Xiaomi SU7(from Web info)

https://hu.motor1.com/news/703064/xiaomi-su7-onallo-parkolas-video/

Overview of Compressor



PCB

Overview

Xiaomi, the Chinese electrical appliance maker announced its first battery electric vehicle (BEV) Xiaomi SU7 in March 2024.

Compressors installed in electric vehicles are designed on the assumption that they are driven by a high-voltage on-board main battery. The performance of electric compressor is used not only in cars but also to cool automotive devices and batteries. This unit is indispensable for driving range, charging time, and battery life extension for EV.

This is a teardown report of the compressor made by ZINSIGHT in Xiaomi SU7 MAX.

Product features

- Manufactured by ZINSIGHT Technology
- SiC based unit with compressor-control PCB

Report Contents (17 pages)

- Product teardown, 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

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Report No : 24G-0143-1
Release day : 2024.08.09

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