

## **Battery Cooling Blower : NISSAN NOTE AURA**

### **Teardown Report and PCB Circuit Analysis Report**

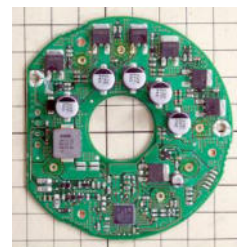


**NISSAN NOTE AURA**

Source: <https://www3.nissan.co.jp/vehicles/new/aura.html>



**External appearance  
of cooling blower**



**PCB**

### **Overview**

As the shift to EVs progresses in the future, cooling of LiBs will become an important factor. Therefore, LTEC conducted product analysis to understand the capabilities of current cooling blowers. Four Battery Cooling Blower are for NISSAN NOTE AURA, TOYOTA/YARIS, HONDA/FIT, and NISSAN/X-TRAIL were analyzed. LTEC released two reports each. (1) Teardown report, (2) PCB circuit analysis report. This is the brochure for NISSAN NOTE AURA, which is e-Power HV.

### **Product features**

- Forced air cooling of lithium-ion batteries (350V, 1.57kWh)
- NOTE AURA sales launch date: Aug. 17, 2021
- Cooling blower      Model number: BASF710D02A  
   Dimensions: (W)203mm x (L)220mm x (H)102mm, Weight: 670 g
- PCB Size: (W)83mm x (L)77mm x (t) 1.4mm, Number of layer: 2, Number of component: 116

### **Report Contents**

#### **(1) Teardown (16 Pages)**

- Teardown process and components measurement (size & weight)
- Identify key ICs and components including datasheet when we find it.
- PCB and other parts connection

#### **(2) Circuit analysis report (30 Pages)**

- (1) + Components level detailed schematic and function block diagram

### **Report price**

**Delivered one week after order placement**

**Please contact us for report pricing.**

## (1) Teardown report

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