



Hildesheim

09 December 2019

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Report

Issue

Topic

A-IVI Scope 3 Internal Pictures

Description

Pictures of PCBs used in A-IVI Scope 3 units

Product Type: Radio-Navigation-System

Model Names: AIVIH61L1

Brand: Robert Bosch Car Multimedia GmbH



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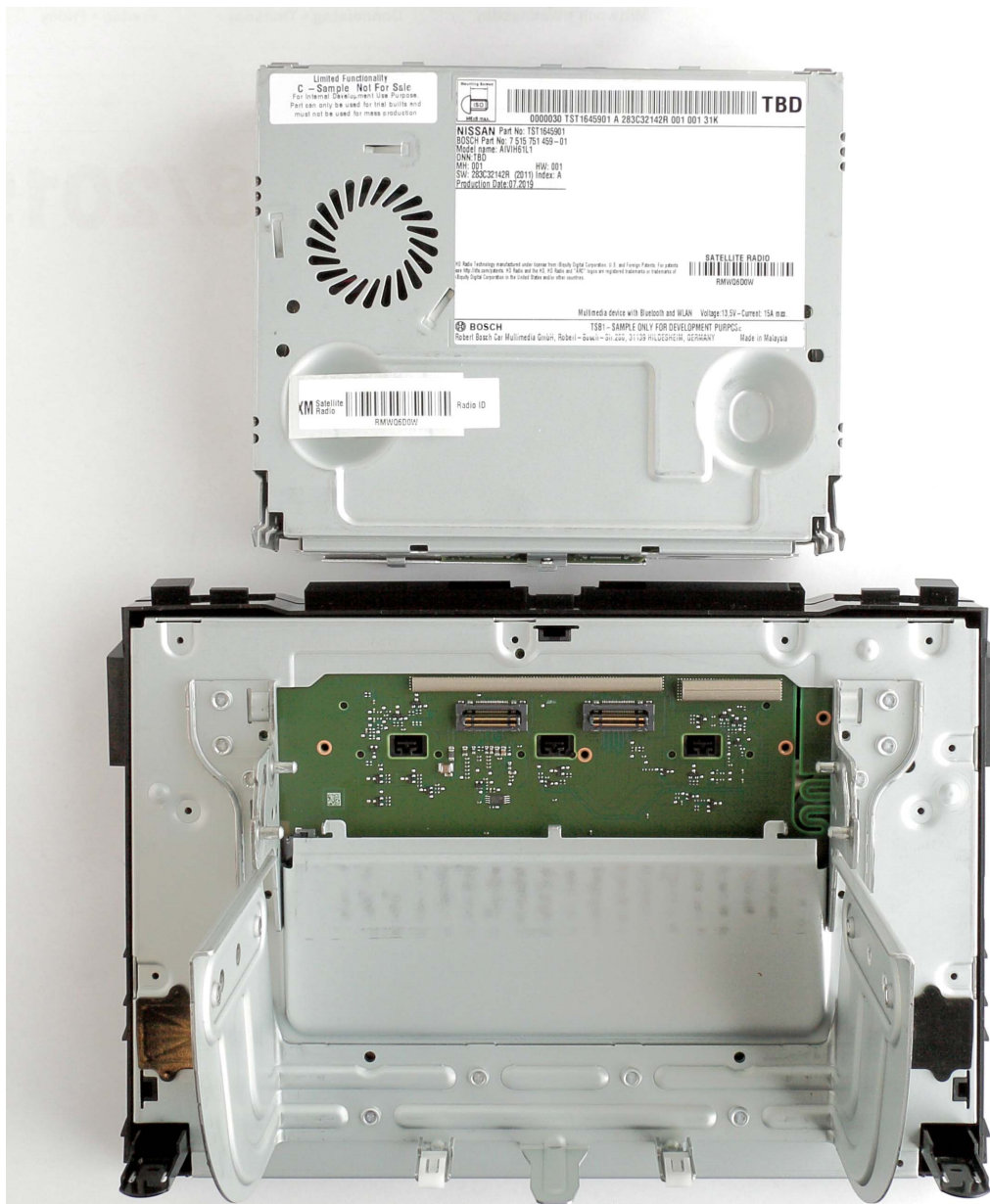
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1 Pictures of disassembly



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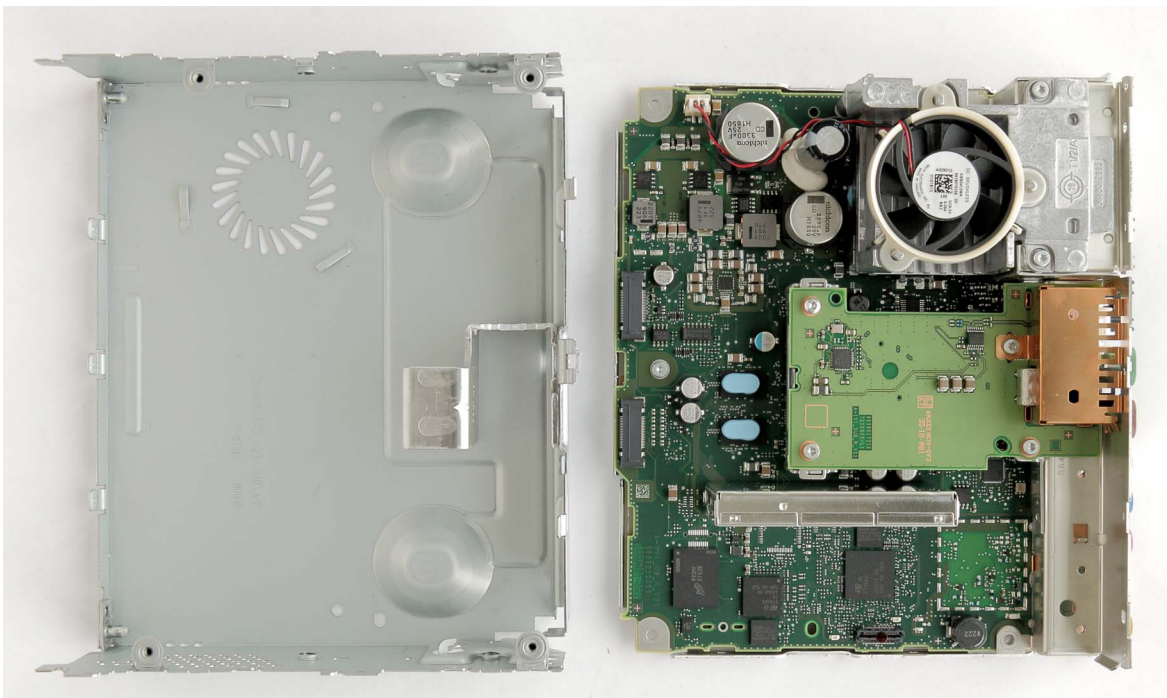
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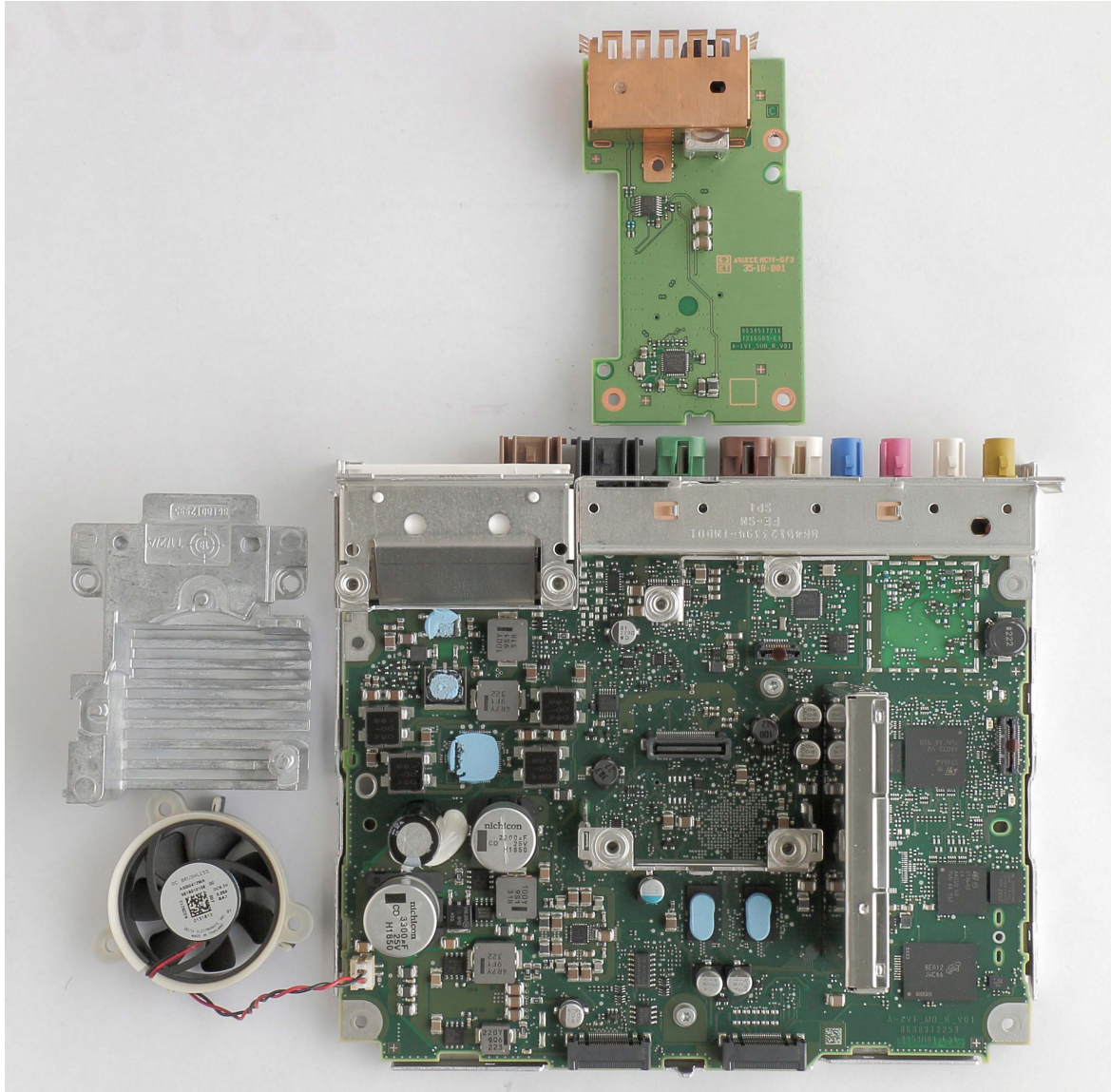
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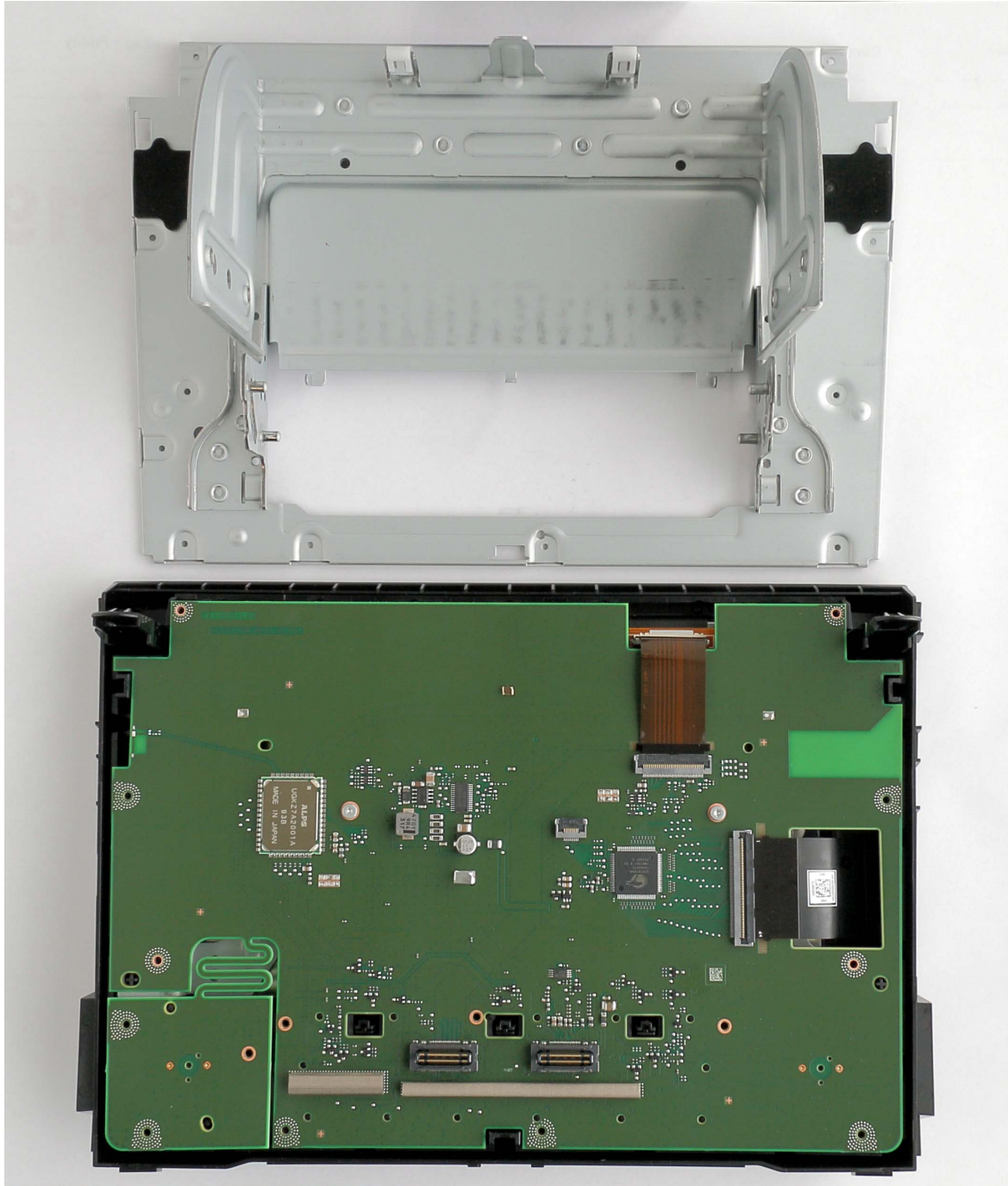
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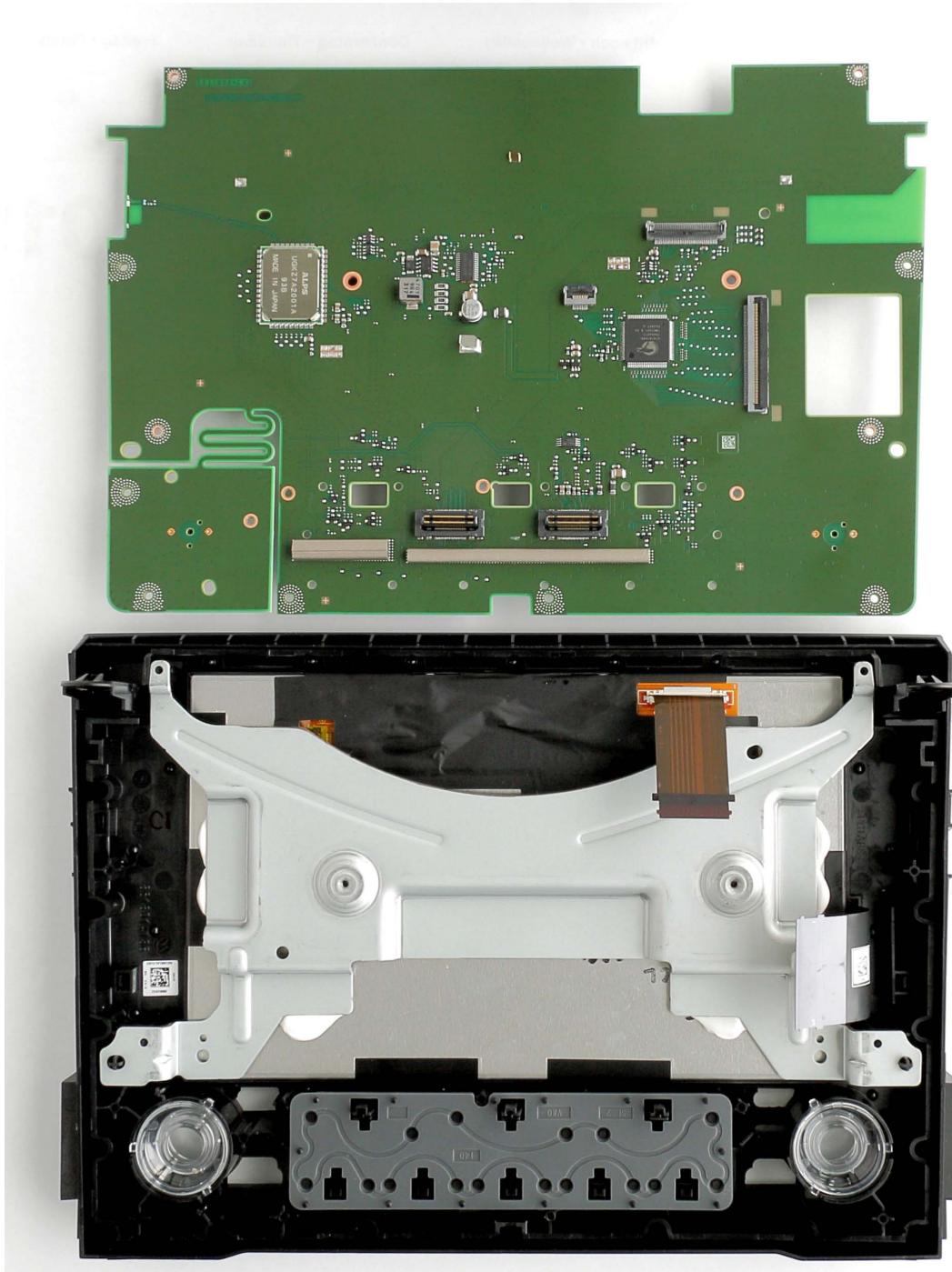
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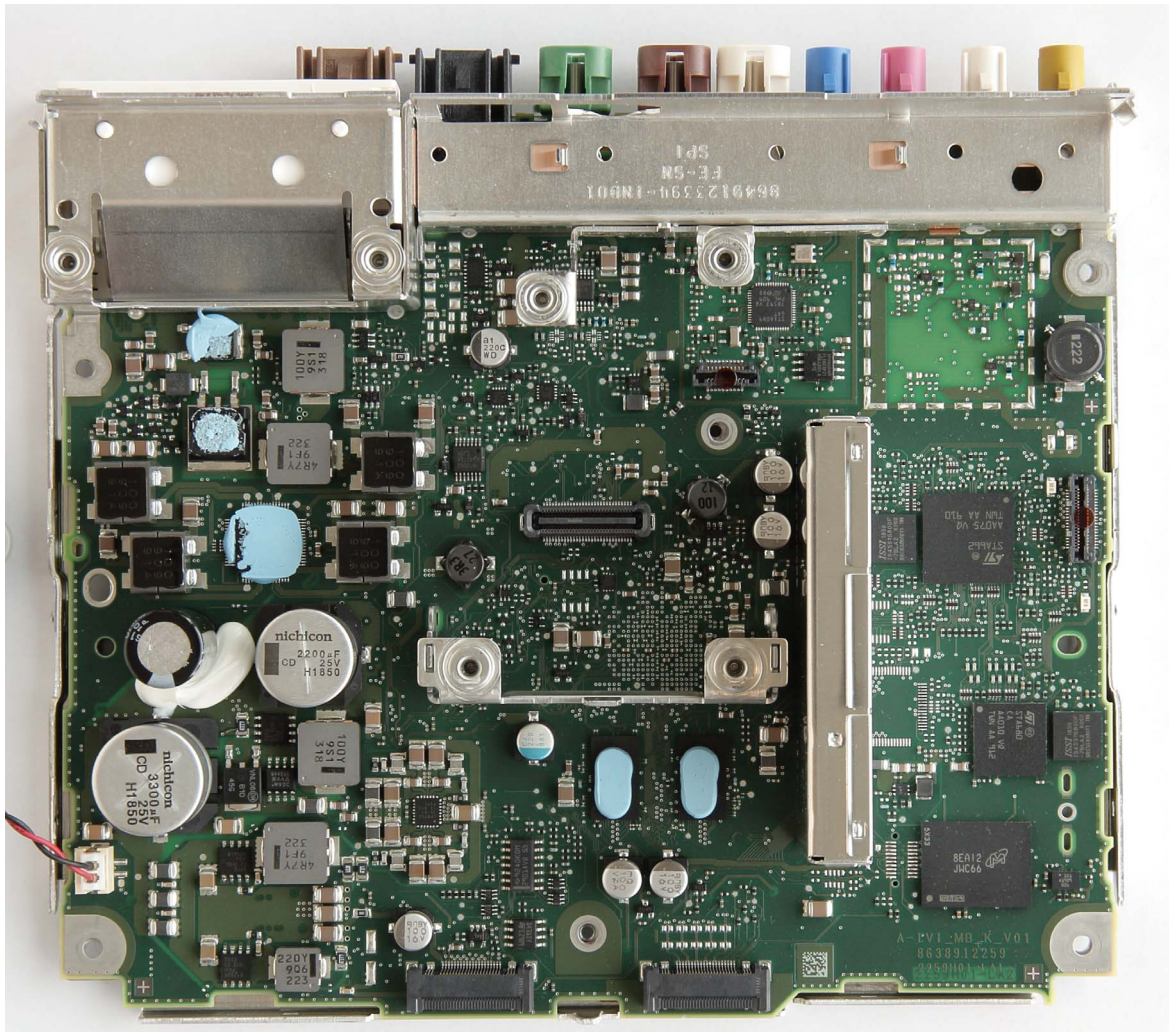
Main PCB

1.1 Main PCB "K" V01

Circuit and layout name / version: A-IVI_MB_K_V01

Update of "B" V01. Small layout improvements mainly for reliability

1.1.1 Main PCB "K" V01 Top side US insertion



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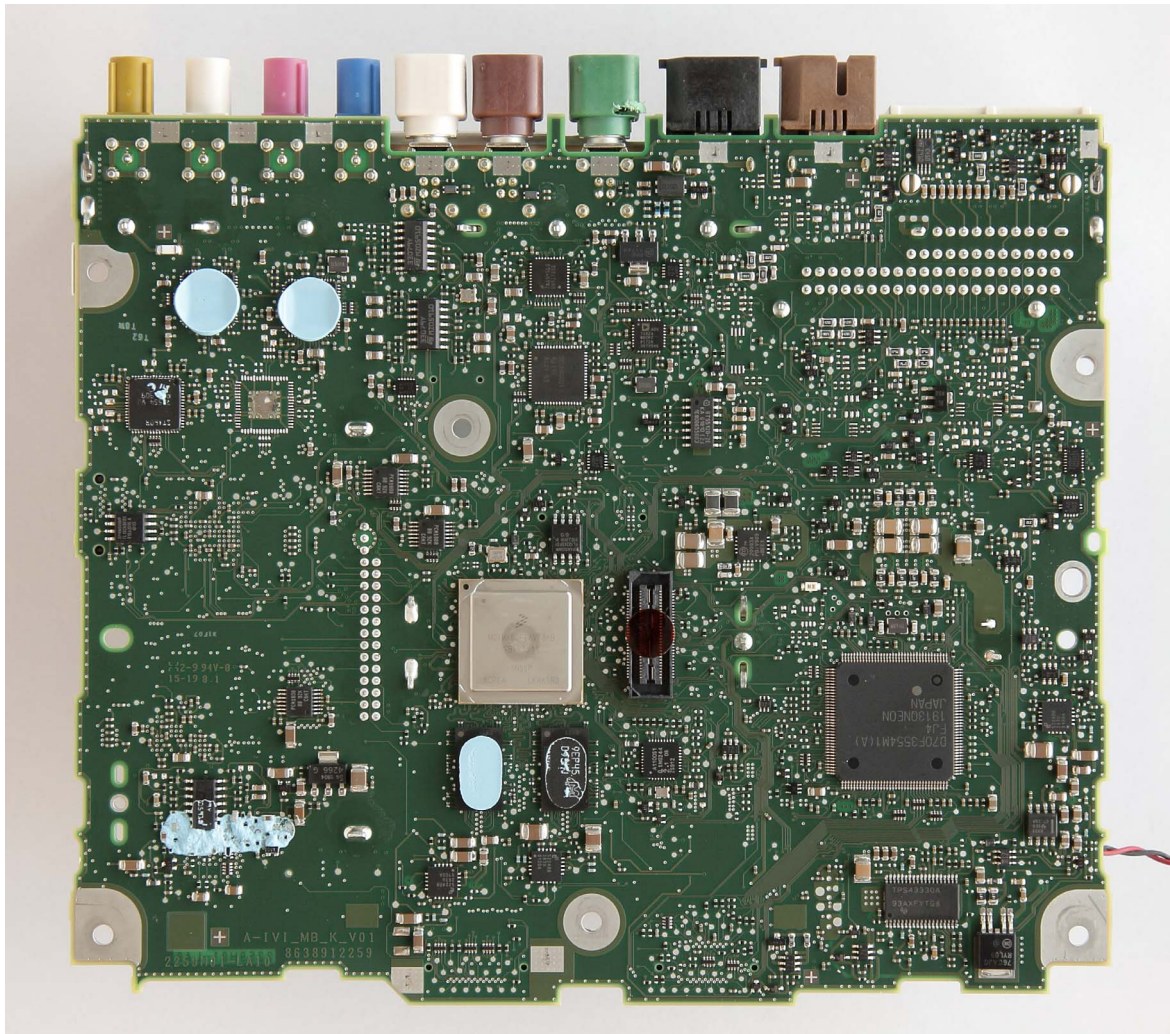
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1.1.2 Main PCB “K” V01 Bottom side US insertion



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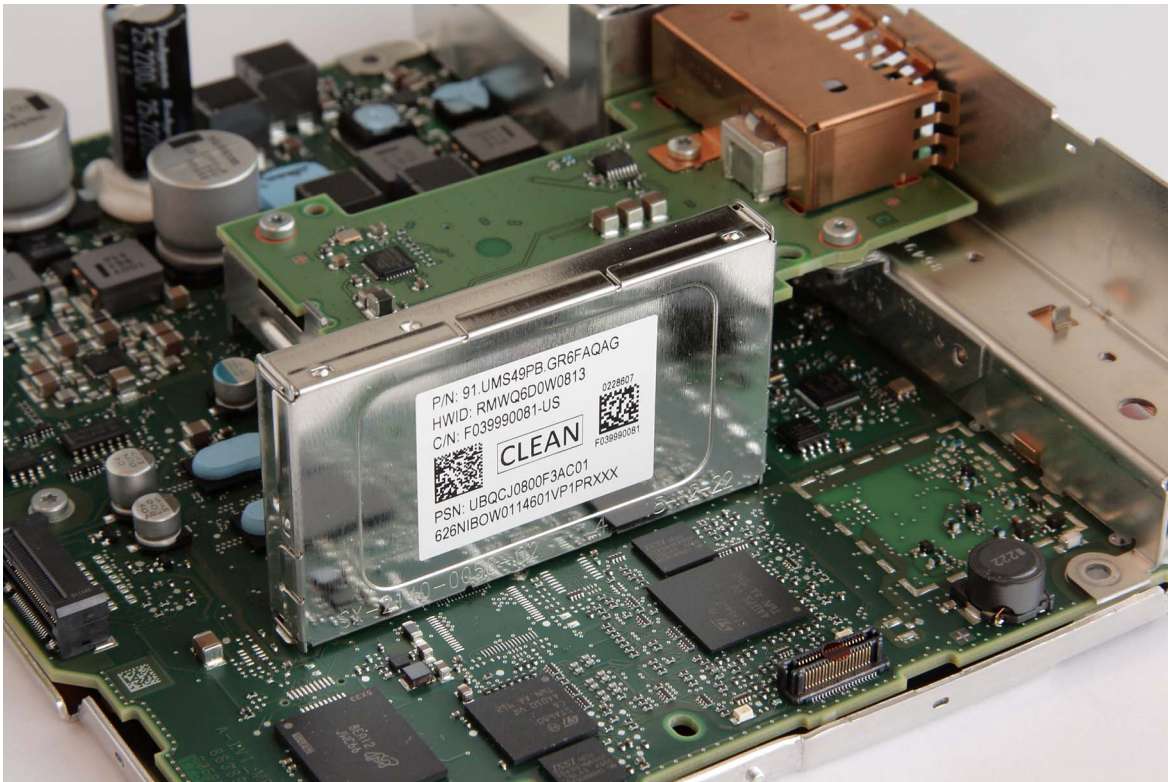
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2 XM Module (all US / CAN variants)



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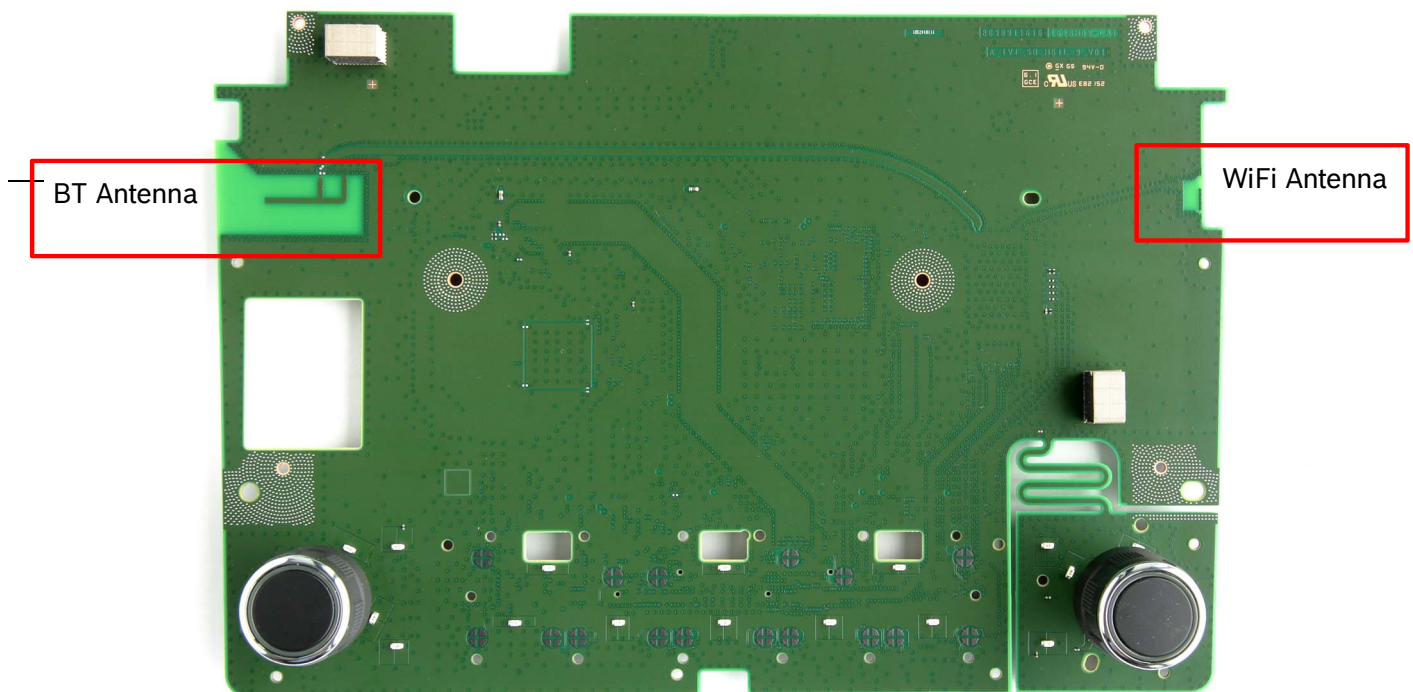
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3 Switch PCBs

3.1 Switch PCB “H61L-9”

Circuit and layout name / version: A-IVI_SB_H61L-9_V01

3.1.1 Switch PCB “H61L-9” Top side



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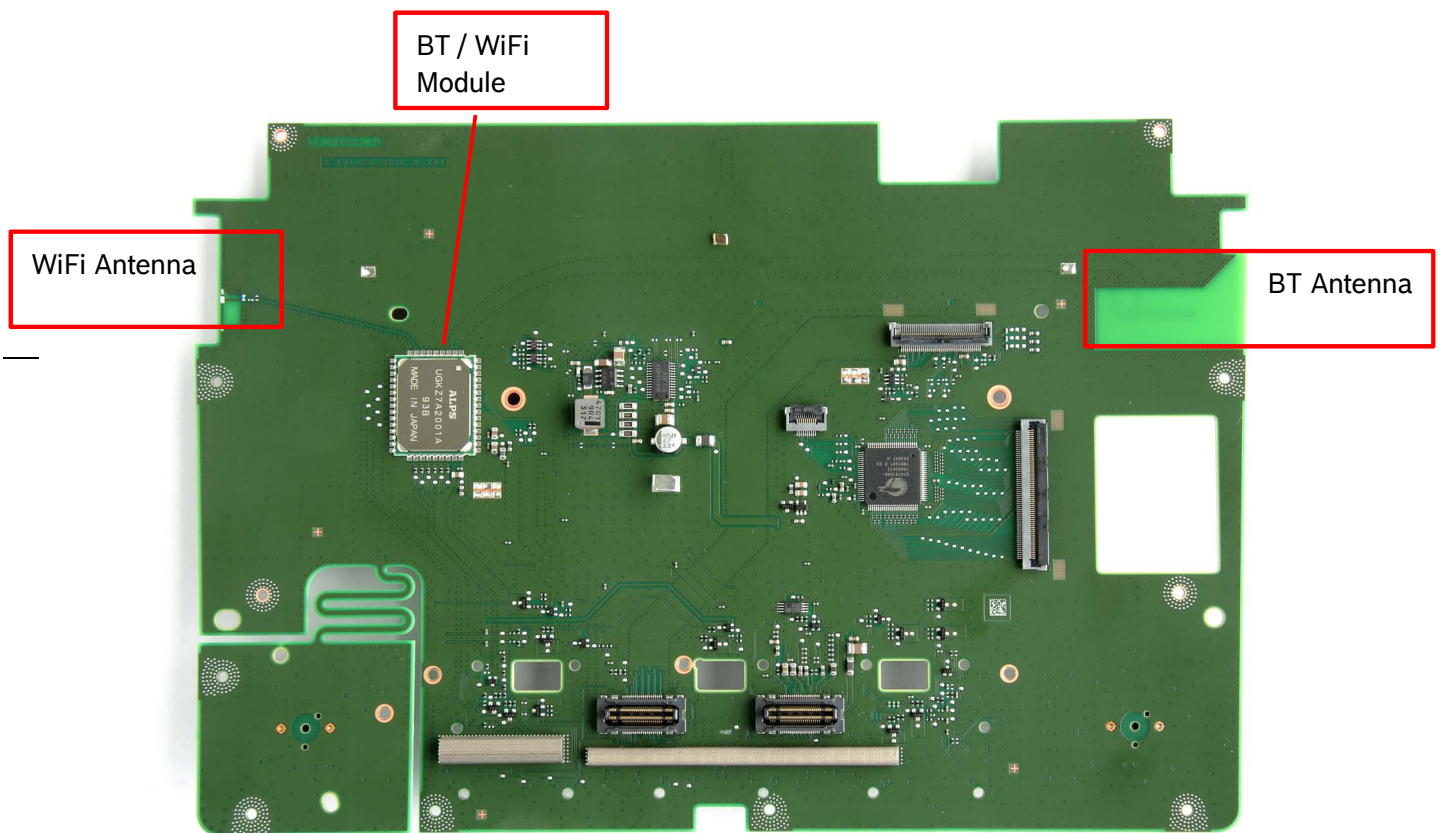
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3.1.2 Switch PCB “H61L-9” Bottom side



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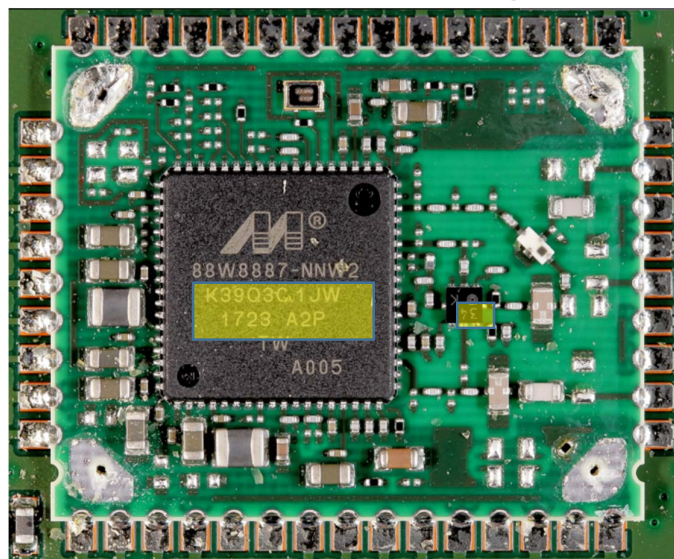
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4 Bluetooth/Wi-Fi Module (all variants)



4.1 Bluetooth/Wi-Fi Module without Shielding (all variants)



Yellow mark: Marking of ICs also include individual production information and could be different from the photo



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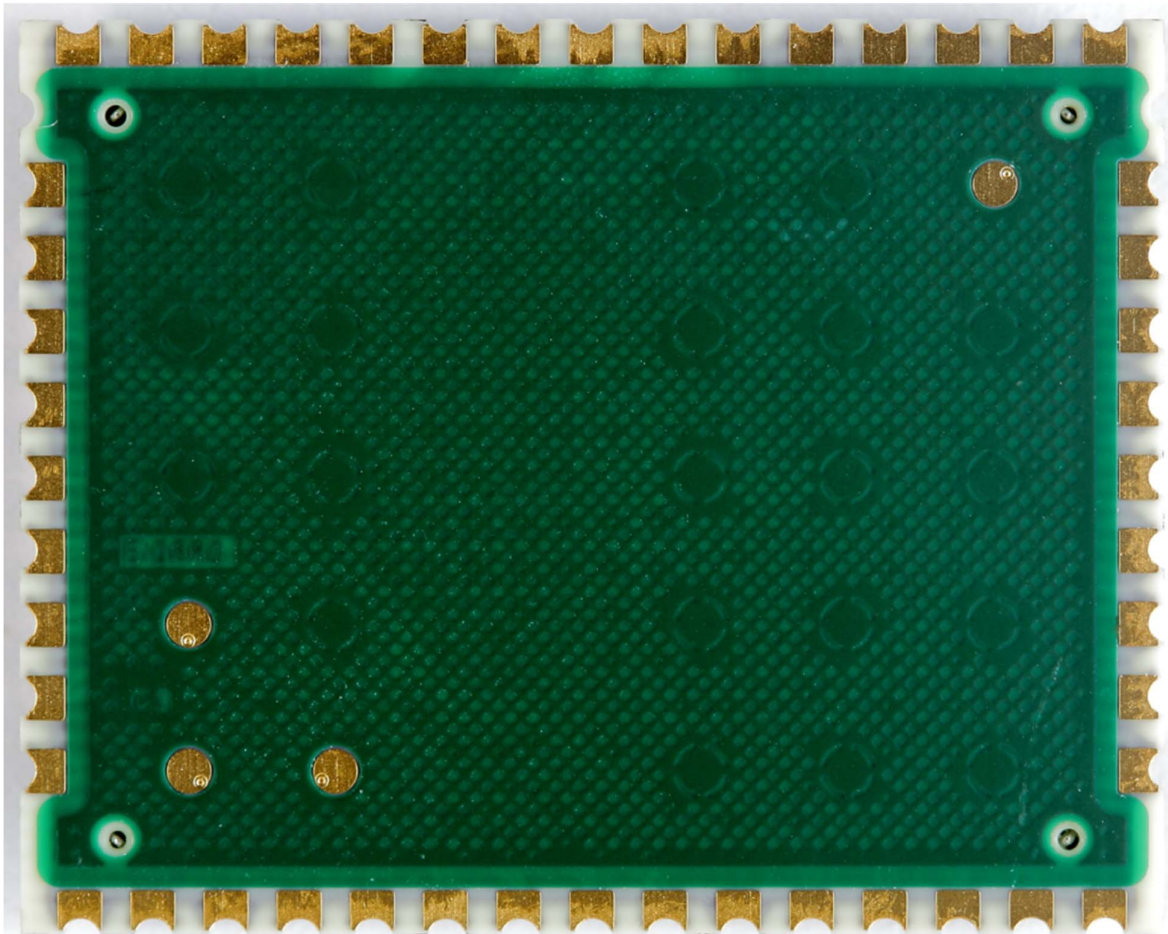
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4.2 Bluetooth/Wi-Fi Module bottom side



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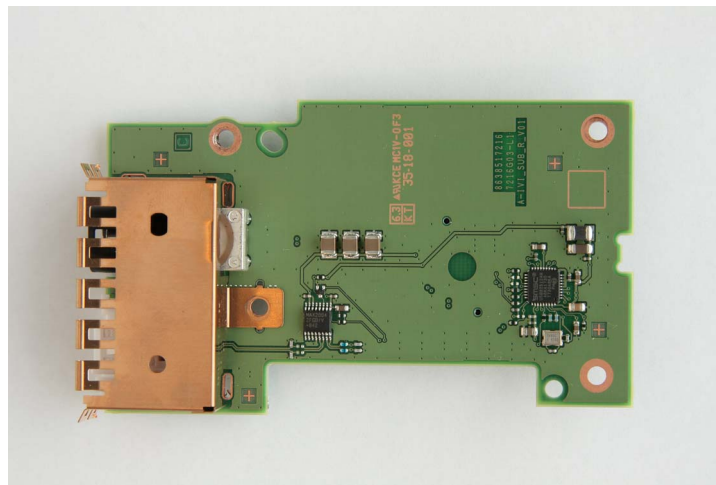
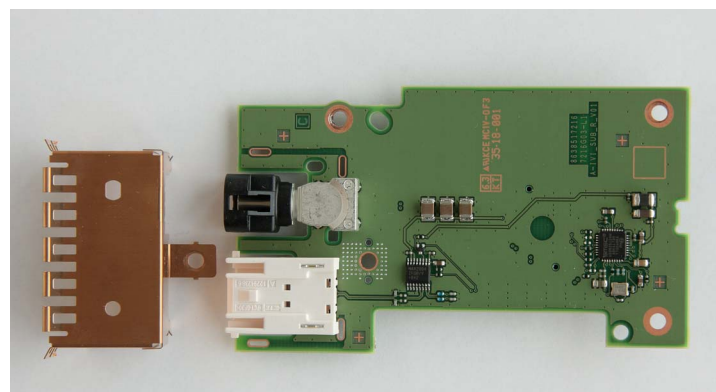
5 Sub PCBs

5.1 Sub PCB “R”

Circuit and layout name / version: TBD

Used in Nissan units only.

5.1.1 Sub PCB “R” Top side





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5.1.2 Sub PCB “R” Bottom side

