



IHS TECHNOLOGY

Teardown – Tesla 2013 Model S

Annotated digital photos, online cost tool and analysis of all sub-assemblies

[Sharpen your competitive edge by understanding the newest technologies piece by piece](#)

BENEFITS

- Discover the details and pricing of electronic device components to gain a competitive advantage in the market.
- Leverage bill of materials analysis to negotiate with suppliers and decrease production costs.
- Mitigate risk by integrating BOM information with IHS Parts conflict mineral and end of life databases for technology components.

Stay competitive, reach new markets and negotiate more effectively with an intricate understanding of Tesla's electronic component bill of materials (BOM), made possible through an objective third party. Over the last 13 years IHS has completed more than 2,200 teardowns, identified and priced more than 2.9 million components, taken more than 89,000 teardown photos and leveraged hundreds of technology experts to add meaningful analysis to each project. The IHS Teardown team explores the newest and most intriguing technologies to help companies stay aware of market trends and better position themselves in a rapidly changing landscape driven by consumer demand.

The Tesla teardown project from IHS offers analysis on over 10 key electronic vehicle parts, along with an in-depth exploration of the Premium Media Control Unit, the Instrument Cluster and the Battery Charger Module. Analysis includes annotated digital photos of all sub-assemblies including printed circuit boards highlighting regions by function, with manufacturers' names, part numbers and access to an online tool with detailed component specifications.

DELIVERABLES

All IHS Technology Teardowns Intelligence Services include access to the IHS Teardown Website Tool, Excel, and PDF deliverables.

The online tool allows simple search and interactive analysis including:

- multiple device comparison from a high-level specification view
- photos of specific functions, PCB assemblies or features
- detailed BOM line item component detail comparisons
- complete BOM download

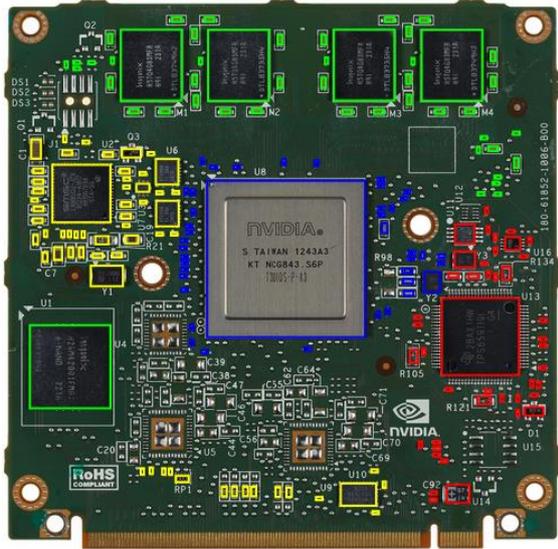
Teardown – Tesla 2013 Model S Components

- Body Control Unit
- Charger
- Instrument Cluster
- HVAC Controller
- Liftgate Left Hand Taillight
- Park Brake Controller
- Passive Safety Restraints Control
- Power Liftgate Module
- Premium External Audio Amplifier
- Premium Media Control Unit
- Sunroof Control Unit
- Thermal Controller

The Ultimate Competitive Benchmarking Tool

Balance device cost-effectiveness and feature-richness to increase market profitably.

Teardowns Home / Tesla 2013 Model S Premium Media Control Unit (1004777-00-C) / Processing PCB - Top



Show By Functional Area Clear

- I/O & Interface
- Memory
- Power Supply
- Processing

Show By Component Family

- Discrete Semi
- Integrated Circuit
- Passive

Show By Component Type

- Analog
- Capacitor
- Crystal
- Diode

Functional Areas Show all

- I/O & Interface
- Memory
- Power Supply
- Processing

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ABOUT IHS

IHS is a global information company with world-class experts in the pivotal areas shaping today's business landscape: energy, economics, geopolitical risk, sustainability and supply chain management. We employ more than 8,000 people in more than 31 countries around the world.