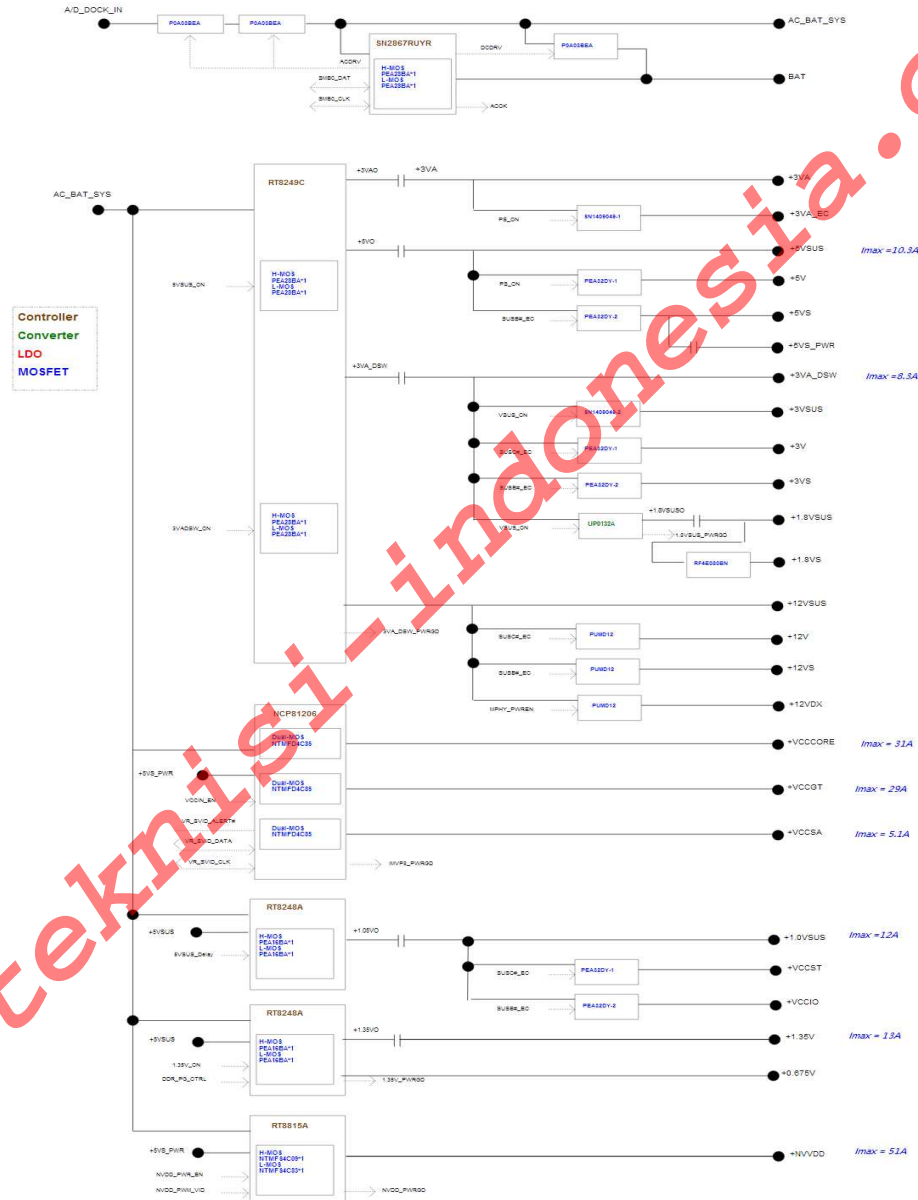




# POWER FLOW

The diagram illustrates the power flow from the AC\_BAT\_SYS input through various converters and regulators to multiple output rails. The components and their functions are as follows:

- AC\_BAT\_SYS**: Main power input.
- RT8249C**: A multi-channel DC-DC converter that provides +3VAD, +3V, +5V, +5V, +5V, +3V, +3V, +1.8V, +1.8V, +12V, +12V, +12V, +VCCORE, +VCCOT, and +VCCSA.
- MCP51206**: A multi-channel DC-DC converter that provides +VCCORE, +VCCOT, and +VCCSA.
- RT8248A**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248B**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248C**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248D**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248E**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248F**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248G**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248H**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248I**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248J**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248K**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248L**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248M**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248N**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248O**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248P**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248Q**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248R**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248S**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248T**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248U**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248V**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248W**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248X**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248Y**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.
- RT8248Z**: A multi-channel DC-DC converter that provides +1.0V, +1.0V, +1.35V, +1.35V, and +1.35V.



### X556U Power On Sequence Diagram



## Signal Measure Point-Bottom





## Signal Measure Point-Top

