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Block Diagram of the power management system of Active Speaker

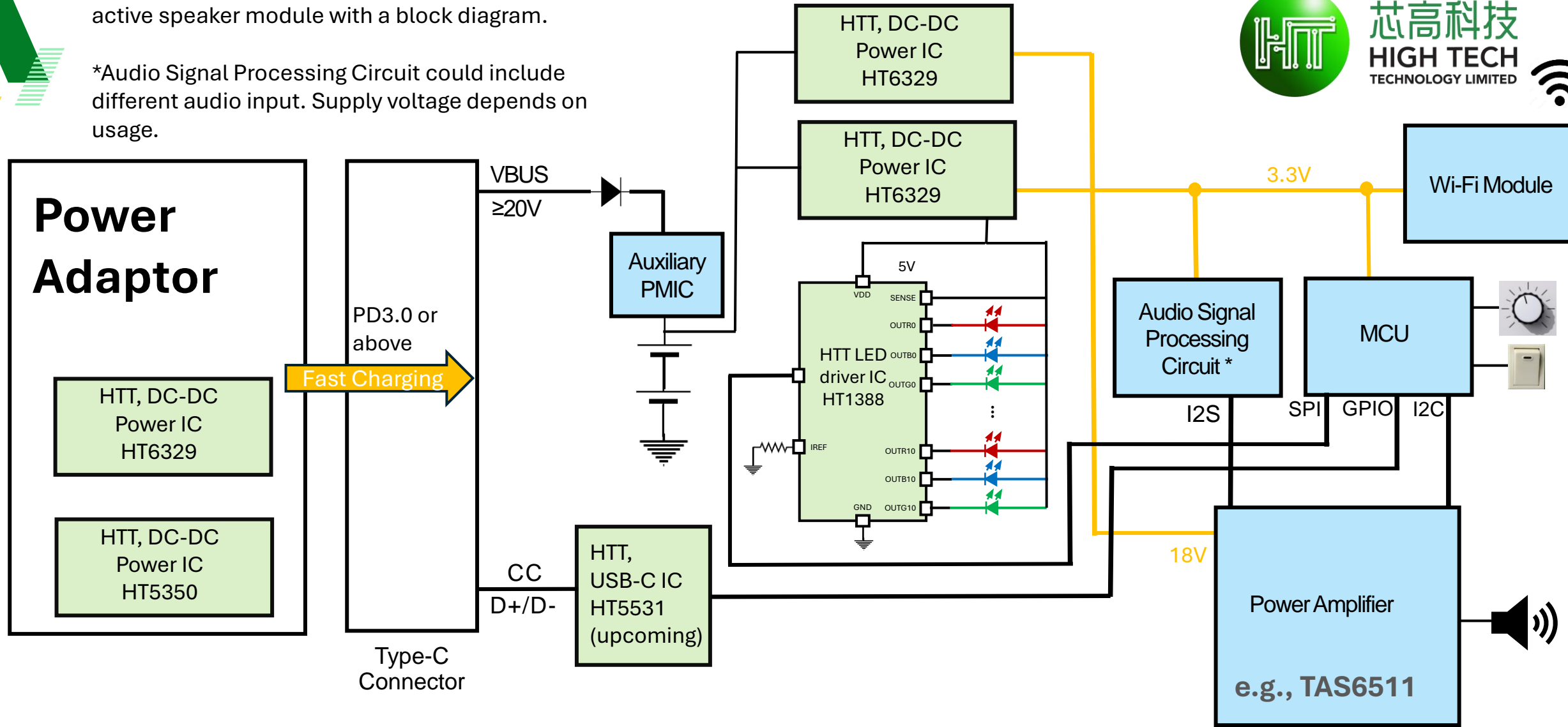
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#This slide shows the entire power system for an active speaker module with a block diagram.

*Audio Signal Processing Circuit could include different audio input. Supply voltage depends on usage.



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The above active speaker system's summary outlines

1. Proposed HTT IC (GREEN)
 - a) HT6329 (DC-DC Buck)
 - b) HT5350 (USB-C Source)
 - c) HT5531 (USB-C Sink)
 - d) HT1388 (RGB LED)
2. Outsourced IC (Blue)
 - a) Power Amplifier
 - b) WiFi module
 - c) Audio Signal Processing Circuit
 - d) MCU
 - e) Auxiliary PMIC
3. Allow charging from Type-C

For the datasheets of the mentioned HTT ICs, please refer to the PDFs inside the zipped file.

Their links are also provided here for your convenience:

HT6329: https://www.hightt.com/s/HT6329E_v1p5_Datasheet.pdf

HT5350: https://www.hightt.com/s/HT5350_datasheet.pdf

HT5531: See attachment.

HT1388: https://www.hightt.com/s/A01_HT1388_rev4e.pdf

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