Digital TV Frontend

Tuner FM/TV

Demod

Satellite Equipment Control (SEC)

Conditional Access Module

Smartcard

Audio decoder

Audio encoder

Video decoder

Video encoder

Demux

Digital TV

Button Key/IR input logic

EEPROM

Radio / Analog TV

Processing blocks

Sensor

Bridge DMA

CPU

Webcam

PCI, USB, SPI, I2C, ...

System Bus

PS.: picture is not complete: other blocks may be present