MPU Decoupling Capacitors

1.5V   1.2V   3.3V   CPUX

USB Connector

MCU Voltage Regulator 3.3V /1A

Power LED

Kernel LED

USER RGB LED

SETUP Switch

Microprocessor Interfaces

RESET Switch

STATE	MODE	PWRON/WORK	STANDBY	PWROFF
PWR-STB		1	0	0
PWR-DRAM		1	1	0

H3-POWER   H3-GND

DRAM 1.5V/1A

VDD-SYS 1.2V/2A

VCC-CPUX 1.1V/3A

VCC-IO 3.3V/1A

H3-GPIO

H3-USB/SYS

H3-NAND   H3-SDC1

H3-Interfaces   H3-CPUS

AUDIO CODEC   HDMI

EPHY   TVOUT

User Microcontroller

Decoupling Capacitors

VDDA & VSSA   VDD & VSS

User LED

STM32F411CEU6TR

Pin Headers

WiFi Module - AP6212

DDR3 RAM

H3-DRAM

AP6212

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