NanoPi M1

Revision
1603 , First Release
POWER TREE

MicroUSB/Ext-5V  5V/2A

- RT8096C  1.5V/1A  USBHost/HDMI
- MP2143DJ  1.2V/2A  DRAM
- MP2143DJ  1.32V/3A  SYSTEM
- RT8096C  3.3V/1A  VCC-CPUX
- VCC-IO/AVCC/RTC

1.2V/2A
1.5V/1A
1.32V/3A
3.3V/1A
Make sure that VDD_SYS_3.3V is ON when Power up!!

VCC-IO-EN = 1 ---> OFF
VCC-IO-EN = 0 ---> ON

PWR-STB = 1 ---> ON
PWR-STB = 0 ---> OFF
TF, USB Host, AV

[Diagram of circuit with labeled components]

MicroSD

USB-HOST

TF, USB Host, AV

[Additional labeled components and connections]
LEDs, LAN, Keys

EEPROM with MAC Address

Not Assembled