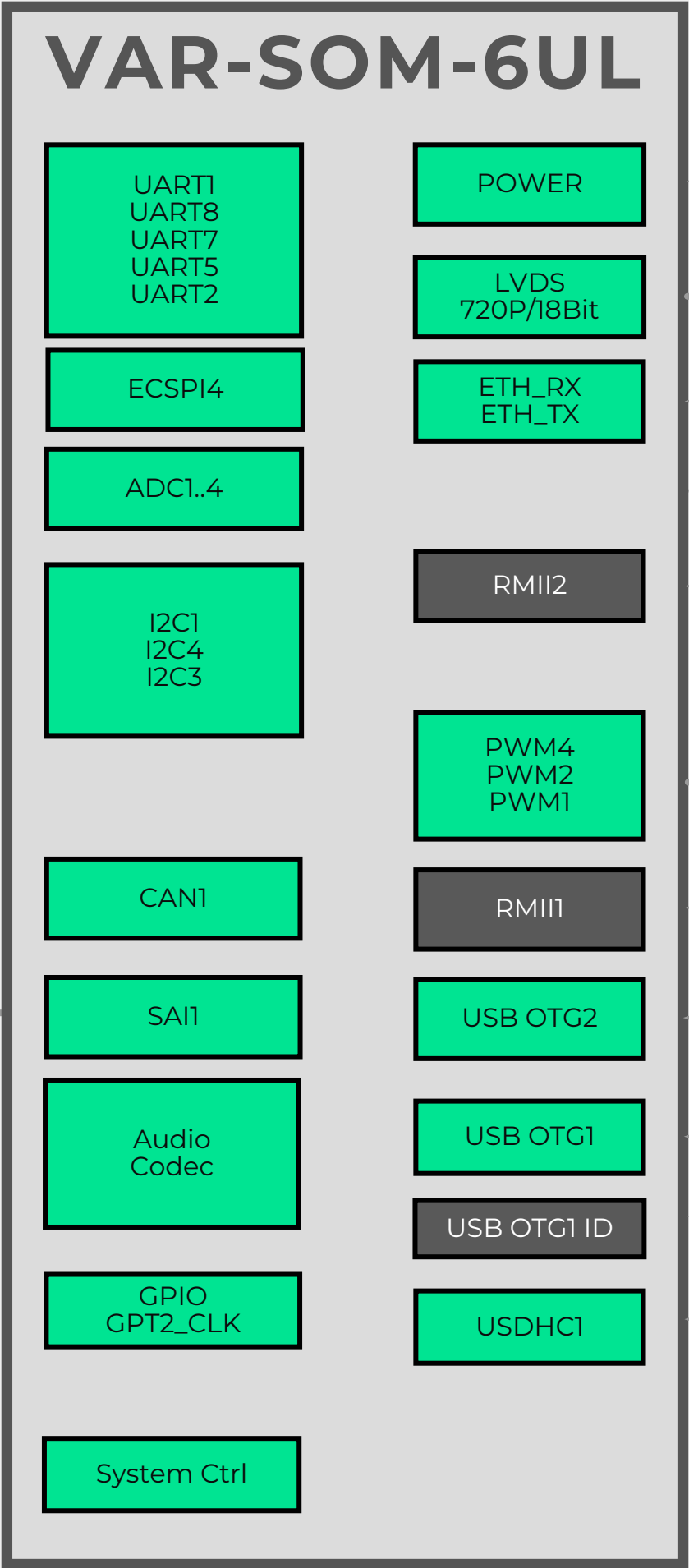


Concerto-Board

Doc rev. 1.1



USB Type Micro-AB

USB

USB to
UART

UART#DBG

Ext. Header

UART#A,#B#BT#C

Ext. Header

SPI#A

Header

FFC/FPC

RES. TOUCH

RTC
BAT

RTC

I2C#A

FFC/FPC

I2C#A Cap. Touch

Ext. Header

I2C#A,#B,#C

Ext. Header

CAN

CAN
Transceiver

CAN#A
RX/TX

Ext. Header

SAI#A
IN/OUT

Stereo Jack

Line In

Stereo Jack

Headphones

Ext. Header

GPIOs,
CLK_OUT#A

User buttons/
LEDs

Buttons/LEDs

Boot, Reset

VAR-SOM-6UL

UART1
UART8
UART7
UART5
UART2

POWER

LVDS
720P/18Bit

ETH_RX
ETH_TX

ECSPi4

ADC1..4

I2C1
I2C4
I2C3

RMII2

PWM4
PWM2
PWM1

CAN1

RMII1

SAI1

USB OTG2

Audio
Codec

USB OTG1

USB OTG1 ID

GPIO
GPT2_CLK

USDHC1

System Ctrl

3.3V

DC-DC

12V DC
Power Jack

5V

DC-DC

Ext. Header

LVDS#A

Ext. Header

ETH#A
10/100/1000

RJ45

RST

Ethernet
PHY

ENET2

RX/TX
+LEDs

RJ45

PWM#A
PWM#B
PWM#C

Display Headers

RMII1

Edge Connector

USB#A
HOST

USB Type-A

USB#B OTG

USB Type
Micro AB

USB#B OTG
ID

SDHC#A

uSD

Pin2pin with additional VAR-SOM products.
Please check pin-list document for details

Not Compatible