

VK-RZ/G2LC

RENESAS



Ethernet PHY
RTL8211F

Pin Header

2x USB
Type A
Hosts

SDRAM
2GB DDR4
MT40A1G16

SPI flash
32MB 4bit I/O
MX25U25645



MIPI
DSI port FPC
LCD conn.



CAN FD Driver
MCP2542FD



BTN

BTN

PMIC
RAA215300

3,3V
2,5V
1,8V
1,2V
1,1V
0,6V

CDC & Debugger
MCU
R7FA4M2A

eMMC
32GB uSSD flash
MTFC32GAZAQHD

CLK GEN
VersaClock
5P35023

RS485 Driver
ISL3175E

USB Type C
Power
Only

uUSB Type B
System TTY
(CDC + Debug)

MIPI
CSI
port FPC CAM
conn.

Codec
DA7212

Audio