

## Debug Interface

**J-TAG with SAM-ICE or J32 Probe**  
Connector

**UART DEBUG**  
Connector

## User Interface

**USER Buttons**

**RGB Led**

## On Board Memories

### NAND Flash

4Gb  
MX30LF4G28AD-XKI

### I2C EEPROM

2Kb  
24AA025E48

### SDRAM

1Gb DDR2  
Internal Memory  
W971G16SG2-5I

**SAM9X60D1G-I/4FB**  
**ARM926 MPU**

## Power Supply

### PMIC

MCP16501

## External Connections

### SD CARD socket

Radio module socket  
4-bit mode

### USB A, B & C

socket  
1 x  $\mu$ USB  
2 x USB Type A

### Raspberry Pi

40-pin header

### LCD

RGB666 Interface  
50-pin FPC connector

### Ethernet 10/100

KSZ8081RNAIA-TR

### RJ45

Connector

### $\mu$ SD-CARD socket

4-bit mode

### mikroBUS

socket

### 2 x CAN

MCP2542

### 2 x CAN

Connector