

Revision History

Rev.	Date	Modified by	Remark
v10	2014.9.6	KL	first version
v11	2014.11.18	KL	1. Add Multicon I/F 2. Separate the Microphone and Headphone Jack
v12	2015.02.26	KL	1. Change the QSPI flash P/N to S25FL132K
v13	2015.05.12	KL	1. Replace the pSRAM with CY62147EV30LL-45B2XI 2. Remove analog switch in codec circuit 3. Add USB host 4. Pin out the free pins & adjust Arduino interface

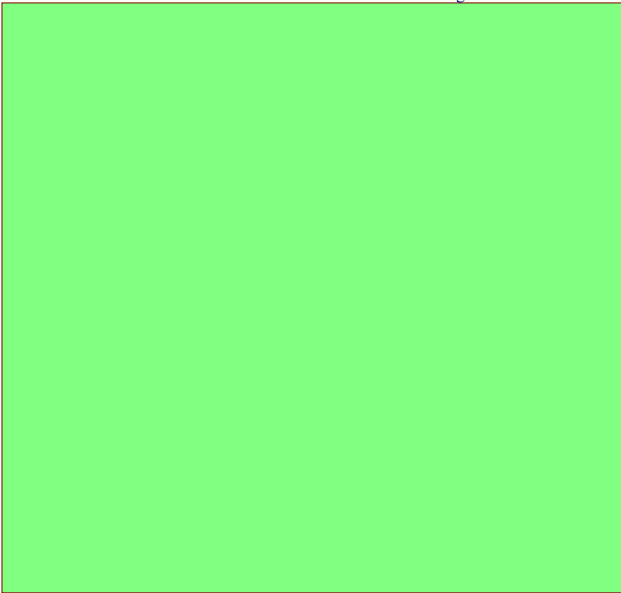
Jumper Description

Jumper	Function	Setting
J1	MD0 configurartion of MB9AF312K	Open : User mode Close : Flash programming mode
J2	MD0 configurartion of S6E2CC	Open : User mode Close : Flash programming mode
J3	Multifunction	1-2: Flash programming via UART0 2-3 : USB VBUS detection/Flash programmng via USB
J4	Multifunction	1-2 : Power from CN2 2-3 : Power from CN3

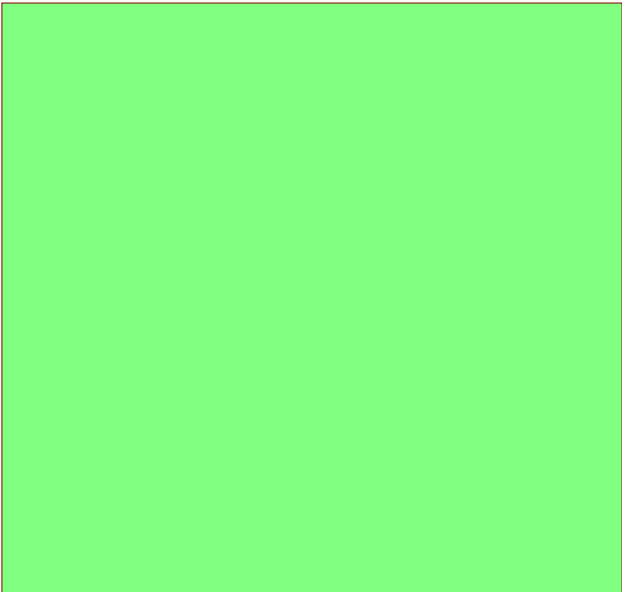
Device Address(I2C)

Dev.	I2C channel	Address
Audio Codec	MFS2	0x1A
Acceleration Sensor	MFS8	0x8E

Debug & USBDevice
SK-FM4-176L-S6E2CC-02-Debug.SchDoc



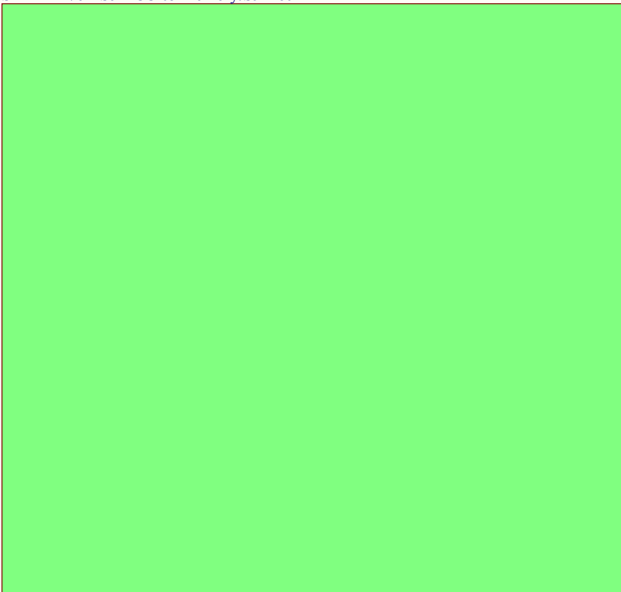
Ethernet
SK-FM4-176L-S6E2CC-03-Ethernet.SchDoc



MCU and power supply
SK-FM4-176L-S6E2CC-01-MCU.SchDoc



Memory & Sensor & Arduino I/F
SK-FM4-176L-S6E2CC-05-Memory.SchDoc



Codec
SK-FM4-176L-S6E2CC-04-Codec.SchDoc



A

B

C

D

A

B

C

D

