Software specifications

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	**Hardware specifications**	OS required
1	-	-	-	-	-	-	-
2	-	-	-	-	-	Common Scientific Linux with x86_64 architecture Or UDOO board. This also works on every i.MX6 based boards: Wandboard, Humming board and so on.	For x86 architecture, any debian distro with a kernel v3.14 or later. For i.MX6 based boards, any image based on a kernel v3.14 or later.
3	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*
6	-	-	-	-	-	-	-

7	-	-	-	-	-	UDOO board. This also works on every i.MX6 based boards: Wandboard, Humming board and so on. Additionally, one needs a 24lc512 chip, which is 64KB I2C eeprom.	Any image based on a kernel v3.14 or later.
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	UDOO board. This also works on every i.MX6 based boards: Wandboard, Humming board and so on.	Any image based on a kernel v3.14 or later.
11	*	*	*	*	*	*	*
12	**	**	**	**		**	**
13	*	*	*	*	*	*	*
14	**	**	**	**	**	**	**
15	**	**	**	**	**	Additionally, one need a	**

						mcp23016, which is an I2C GPIO expander	
16	-	-	-	-	-	-	-
17	**	**	**	**	**	**	**
18	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*
21	-	-	-	-	-	-	-
22	*	*	*	*	*	*	*

** : Most of the software/hardware requirements are listed in chapter 2.*

** *: Most of the software/hardware requirements are listed in chapter 10.*

- : No source. code.

***Note**: Chapter 1 and 2 describes in details the setup development environment: Kernel sources and toolchain download, as well a build process. Additionally, there is a README per chapter in the source, which explain in details the tests.*