

CONFIDENTIAL

Table of Contents

1. Overview	1
1.1 Overview	1
1.2 Function	1
1.3 Connected device	2
1.4 Reference	3
1.4.1 Standard	3
1.4.2 Related documents	3
1.5 Restriction	4
1.6 Notice	4
2. Operating Environment	5
2.1 Hardware Environment	5
2.2 Module Configuration	5
2.3 State Transition Diagram	5
3. External Interface	6
4. Integration	7
4.1 Directory Configuration	7
4.2 Integration Procedure	8
4.2.1 Device tree setting	8
4.2.1.1 Pin Function setting	9
4.2.1.2 Clock setting	12
4.2.1.3 Channel Node setting	13
4.2.1.4 sub node setting	14
4.2.2 Add userspace interface	15
4.2.3 Kernel configuration	15
4.3 Option Setting	16
4.3.1 Module Parameters	16
4.3.2 Kernel Parameters	16