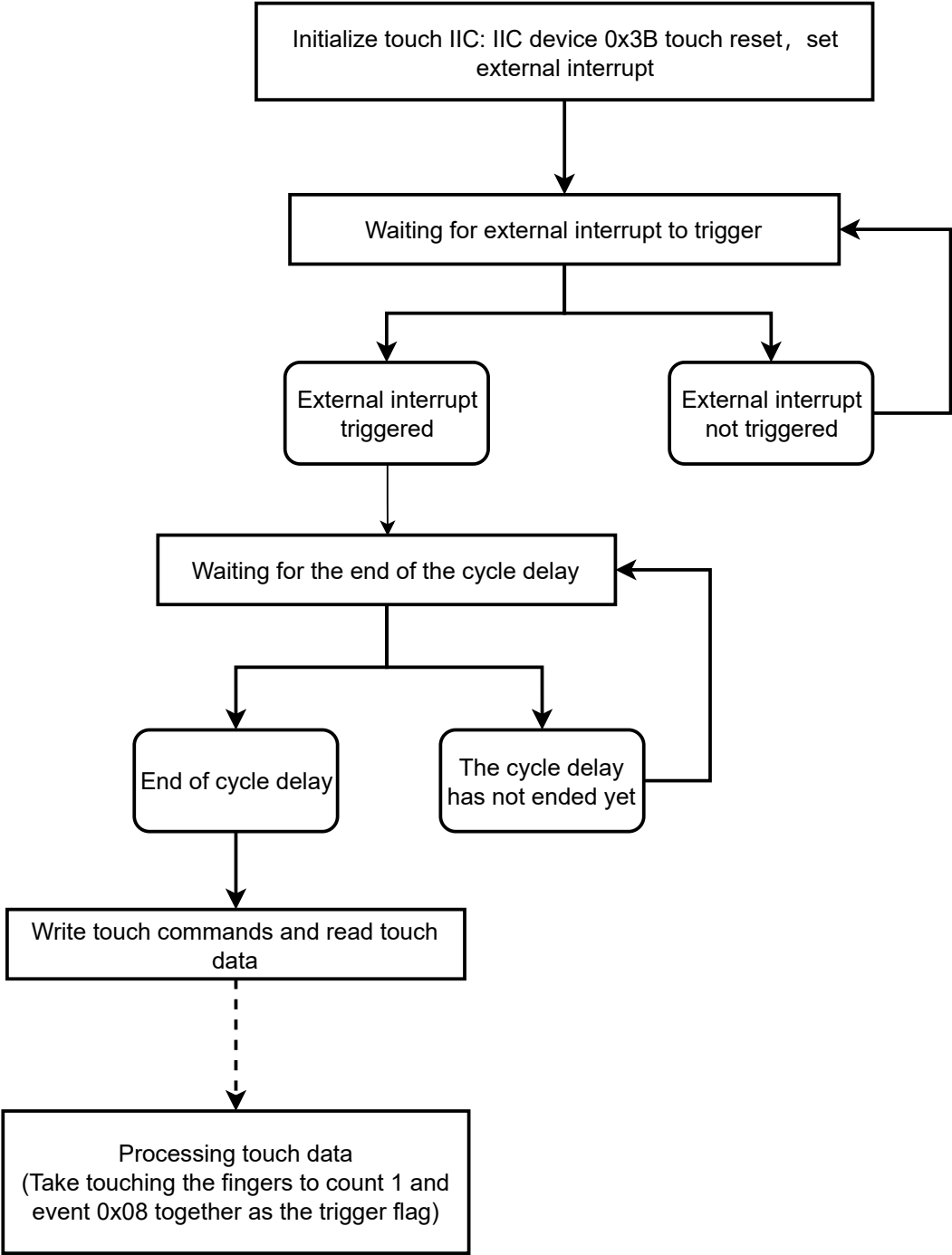


T-Display-S3-Long_AXS15231B_Touch_Register

Modified on: 2024.07.19

Operation steps



Read and write registers

1. Write the command to read touch information: Continuously write the following formatted command data to the touch IIC address 0x3B.

0	1	2	3	4	5	6	7	8	9	10
0xB5	0xAB	0xA5	0x5A	0x00	0x00	0x00	0x08	0x00	0x00	0x00

2. Read 8-bit touch information

0	NULL
1	Number of fingers touched
2	[High 4 bits: Event]+[Low 4 bits: High 4 bits of Y-coordinate]
3	Low 4 bits of Y-coordinate
4	[High 4 bits: NULL]+[Low 4 bits: High 4 bits of X-coordinate]
5	Low 4 bits of X-coordinate
6	NULL
7	NULL

Number of fingers touched	0x01: Single finger trigger
Event	0x08: Finger touching the screen 0x04: Finger leaving the screen