

TCA_PPG

1. Operation Outline

The remote control waveform is output after every 200 ms using PPG mode in TCA timer.

2. Each Setting

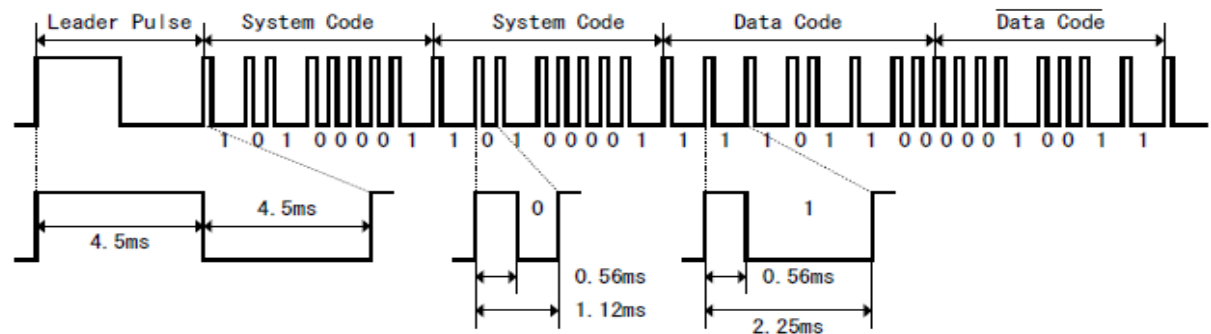
| | | |
|--|---------------------------|--|
| <u>PPG output control</u> | : default = Serial | main.c: Changing the value of "#define TCA_PPG_CONTROL" allows changing the output control. |
| <u>Noise cancellation</u> | : default = None | main.c: Changing the value of "#define TCA_PPG_NOIZE_CANCEL" allows changing the noise cancellation setting. |
| <u>Timer interrupt/ PPG output</u> | : INTTCA1/ PPGA1 (P73) | |

3. Basic Operation

| Function | Description |
|------------|--------------------------------------|
| PPG output | PPG output setting of Timer function |

| Output interval | Process per interval |
|-----------------|--|
| 200 ms | Output of remote control signal waveform |

Remote control signal (The output data are 0x85, 0x85, 0x37, and 0xC8. The output is done from the lower bit.)



4. Note

None.