NY3xxxB LED 1.5Hz / 3Hz / 6Hz flash

Application Notes

Description: When an I/O pin of NY3(B) is configured as LED flash output at 1.5Hz/3Hz/6Hz, the flash rate between NY3(B)_FDB (mask ROM IC) and NY3P OTP is slightly different.

Reason： The initial state of LED flash output of NY3 OTP is randomly determined by NY3 OTP. However, initial state of LED flash output of NY3(B)_FDB (mask ROM IC) is determined according to value of Voice Start address. The initial state of LED flash output for odd address is opposite to that of even address.

Solution： 1. When a project is transferred from NY3 OTP to NY3 mask ROM IC, it must be verified again by NY3(B)_FDB.

2. If customers want to control the initial state of LED flash output precisely, please use *Quick-IO* to draw the LED patterns and output through QIO.