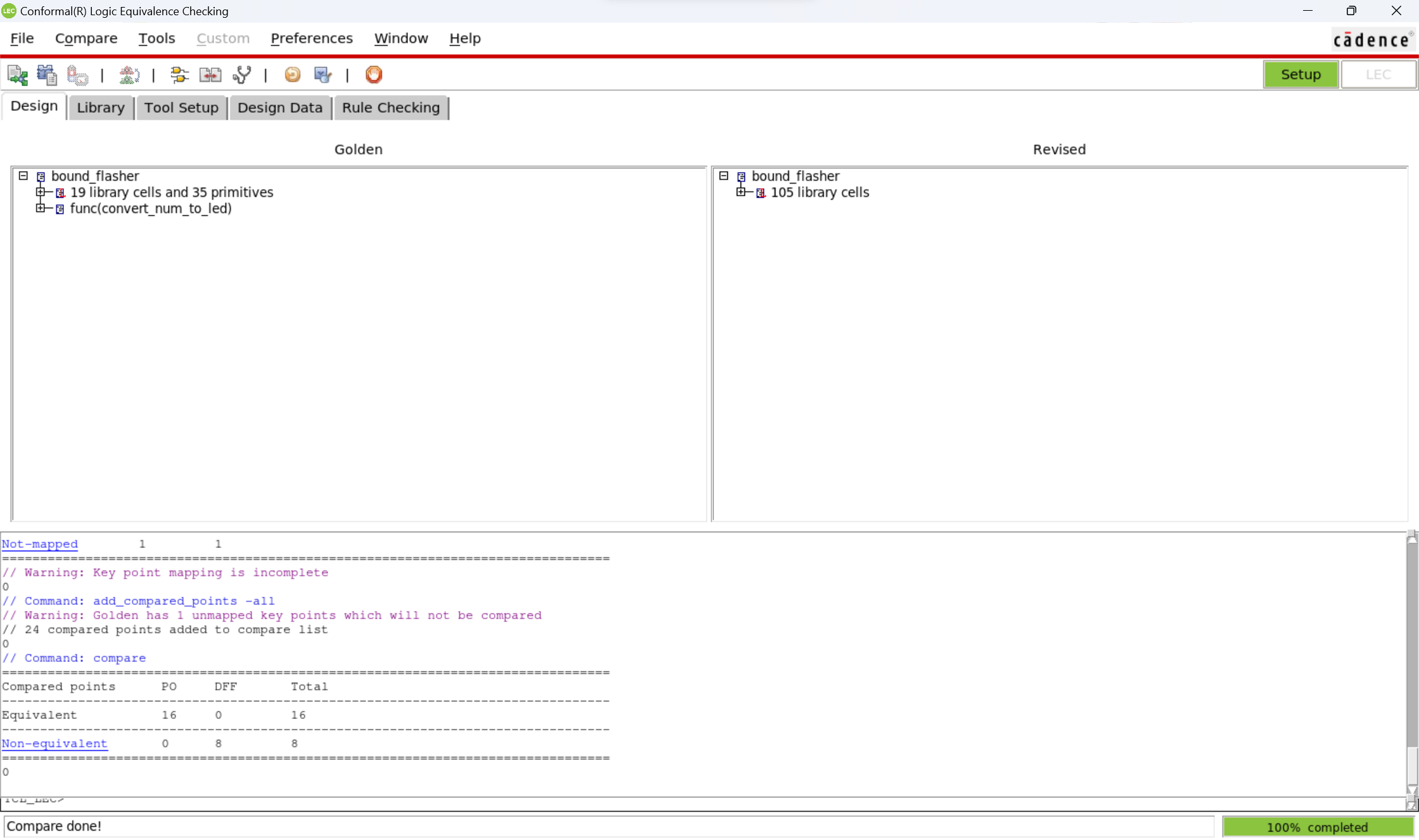
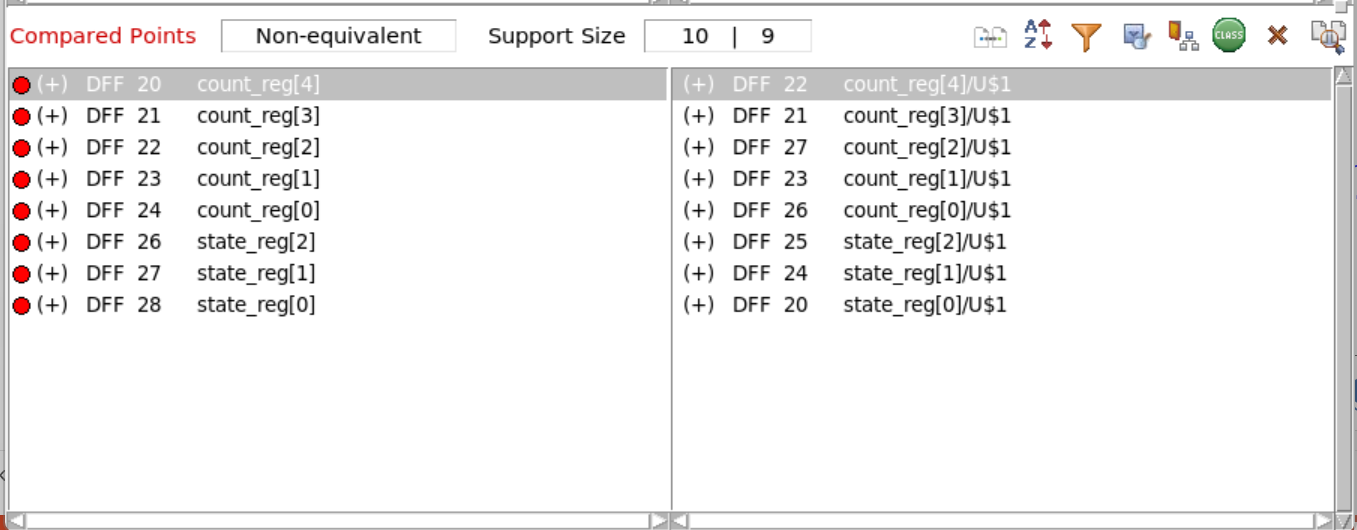
|  |
| --- |
|  |
| **LOGIC EQUAIVALENCE CHECK** |
|  |
| |  |  | | --- | --- | | Author | * Ung Ngô Minh Lăng * Tăng Văn Minh * Lê Minh Phúc * Đặng Đình Thông | | Date | 2023/03/30 | | Version | 1.1 | |
|  |
|  |

|  |
| --- |
|  |

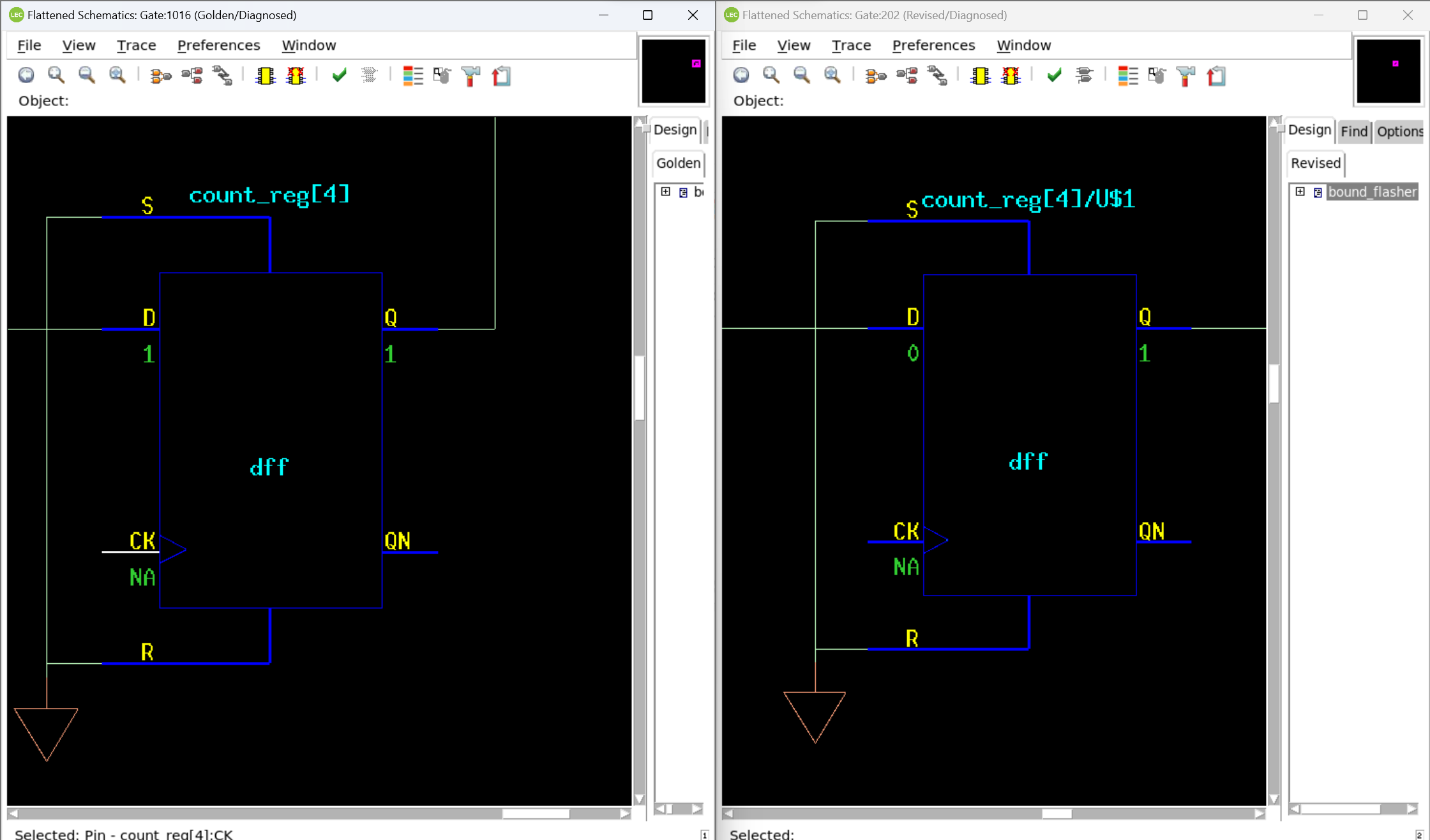
**Bước 1:** Chạy ./go\_lec -> có 8 non-equivalent points

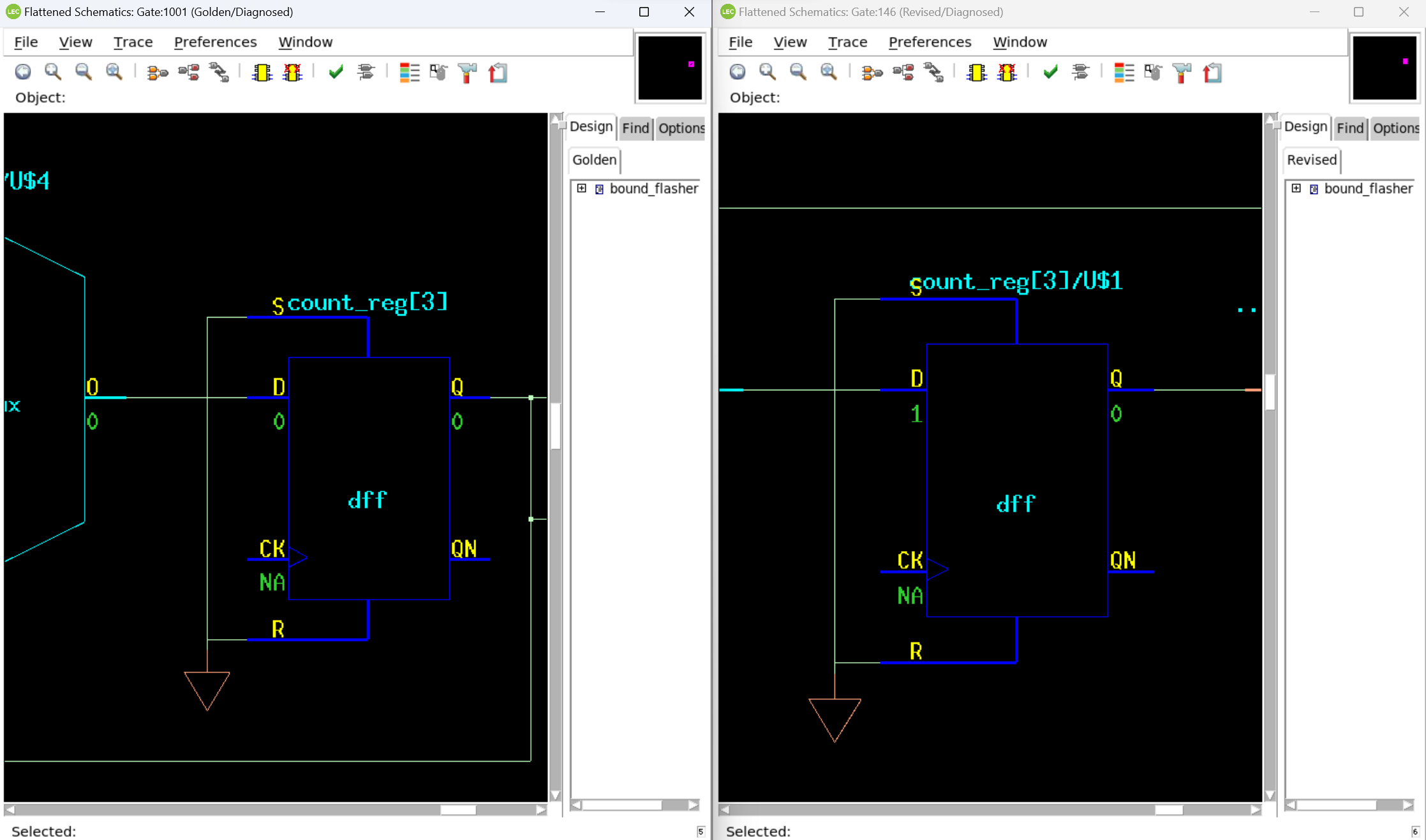


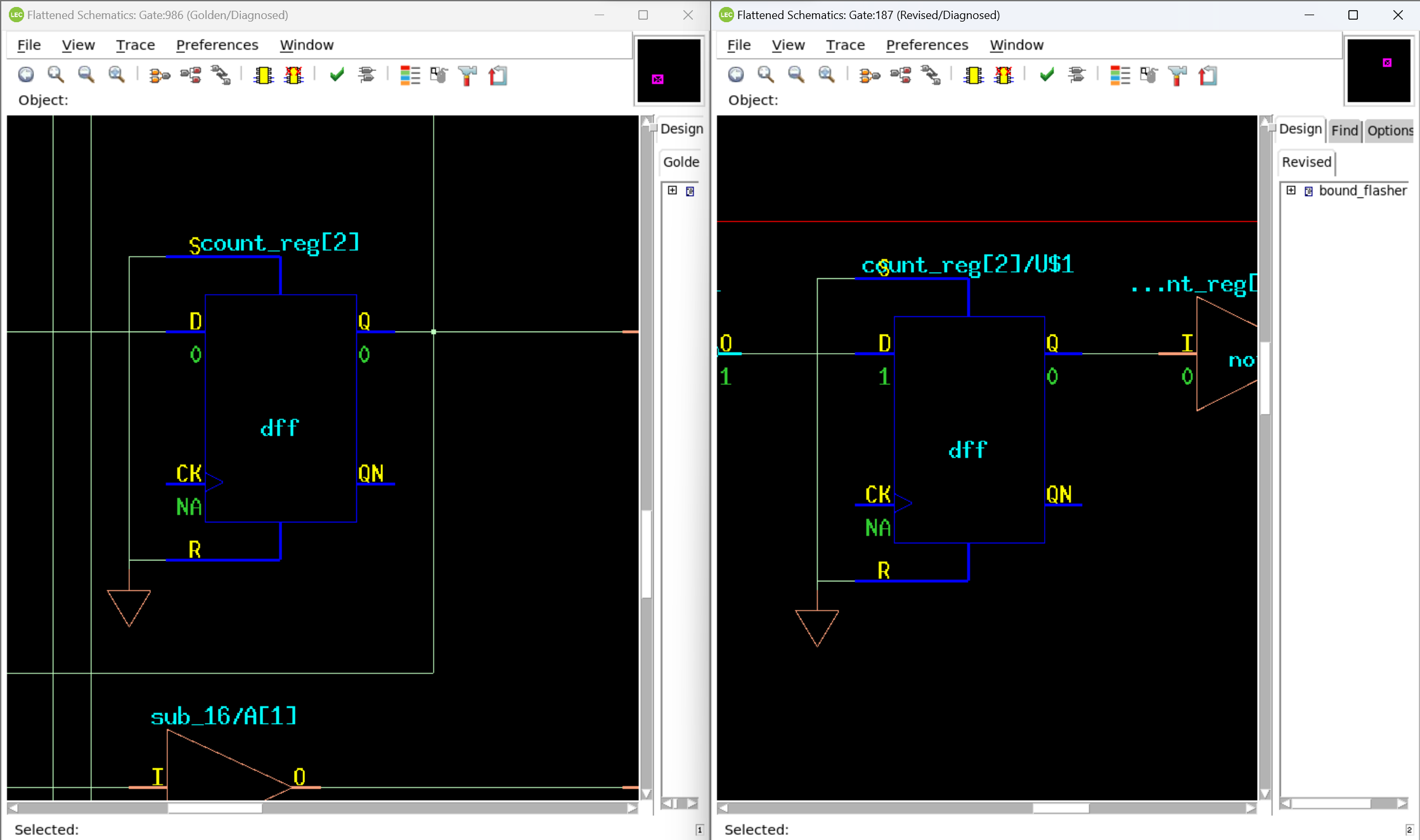
**Bước 2: Xem các non-equivalent points**

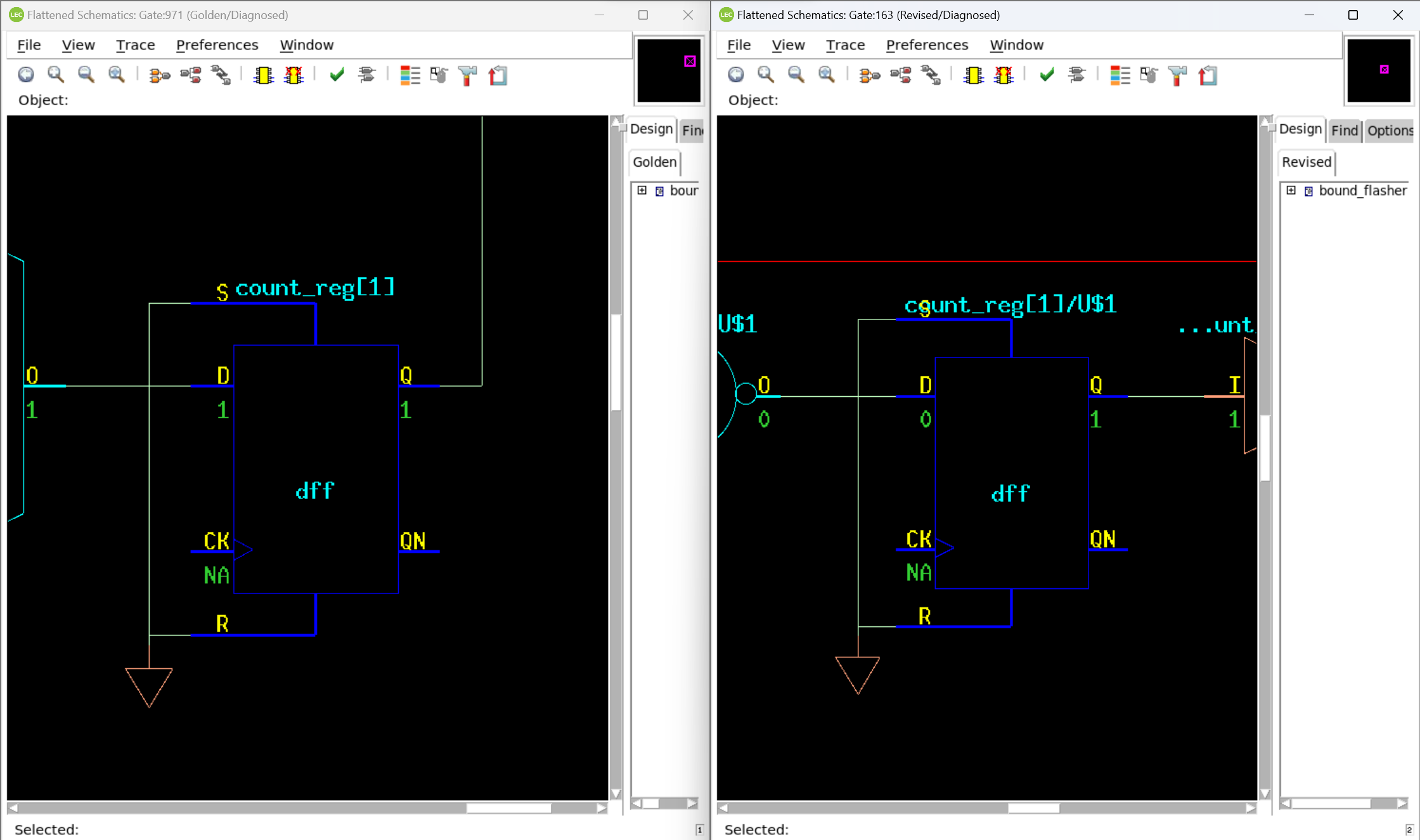


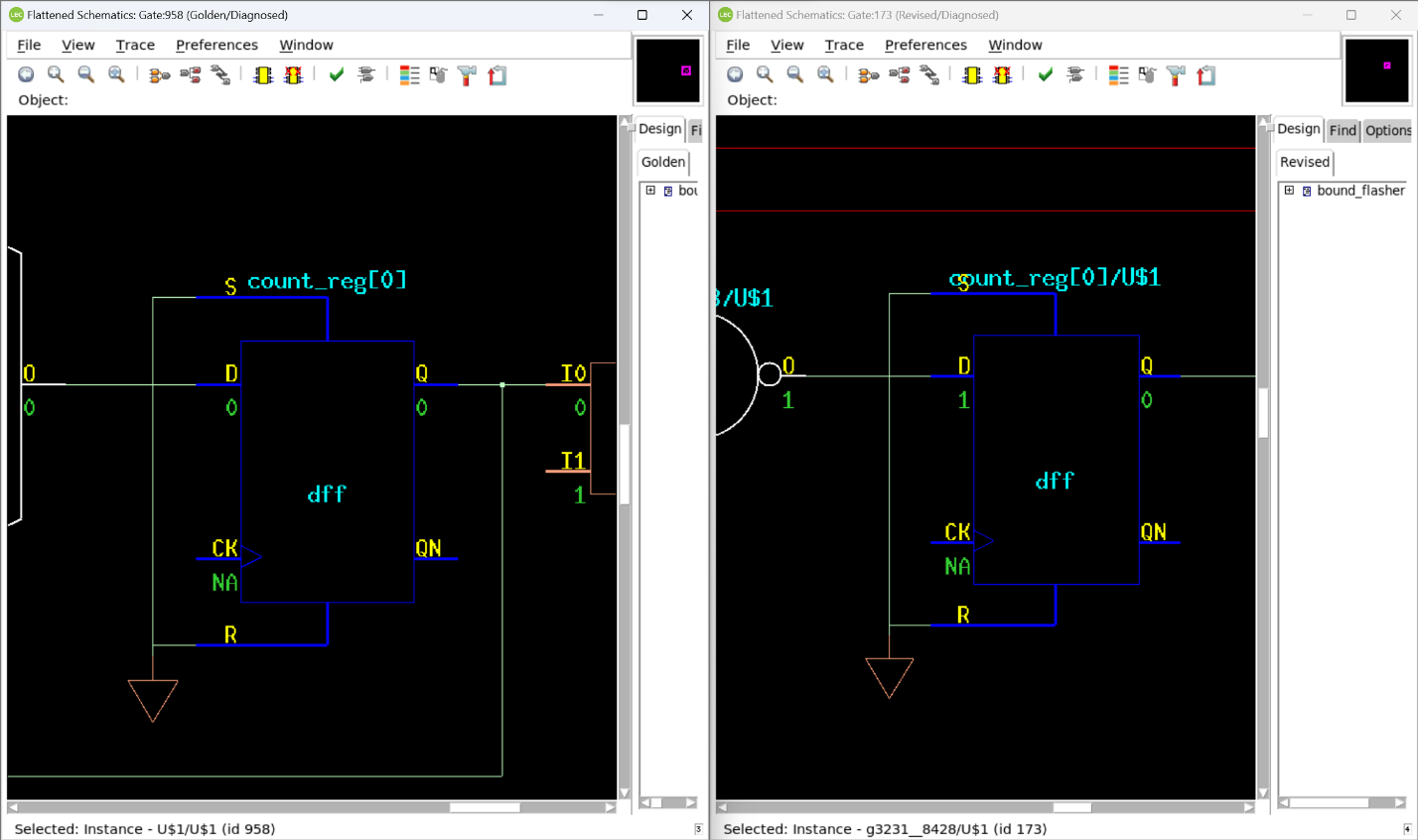
**Bước 3: Kiểm tra count\_reg**



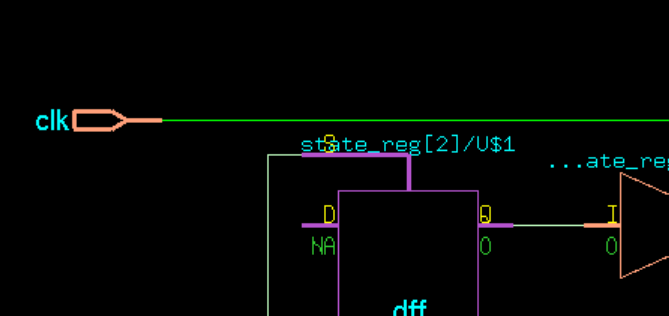




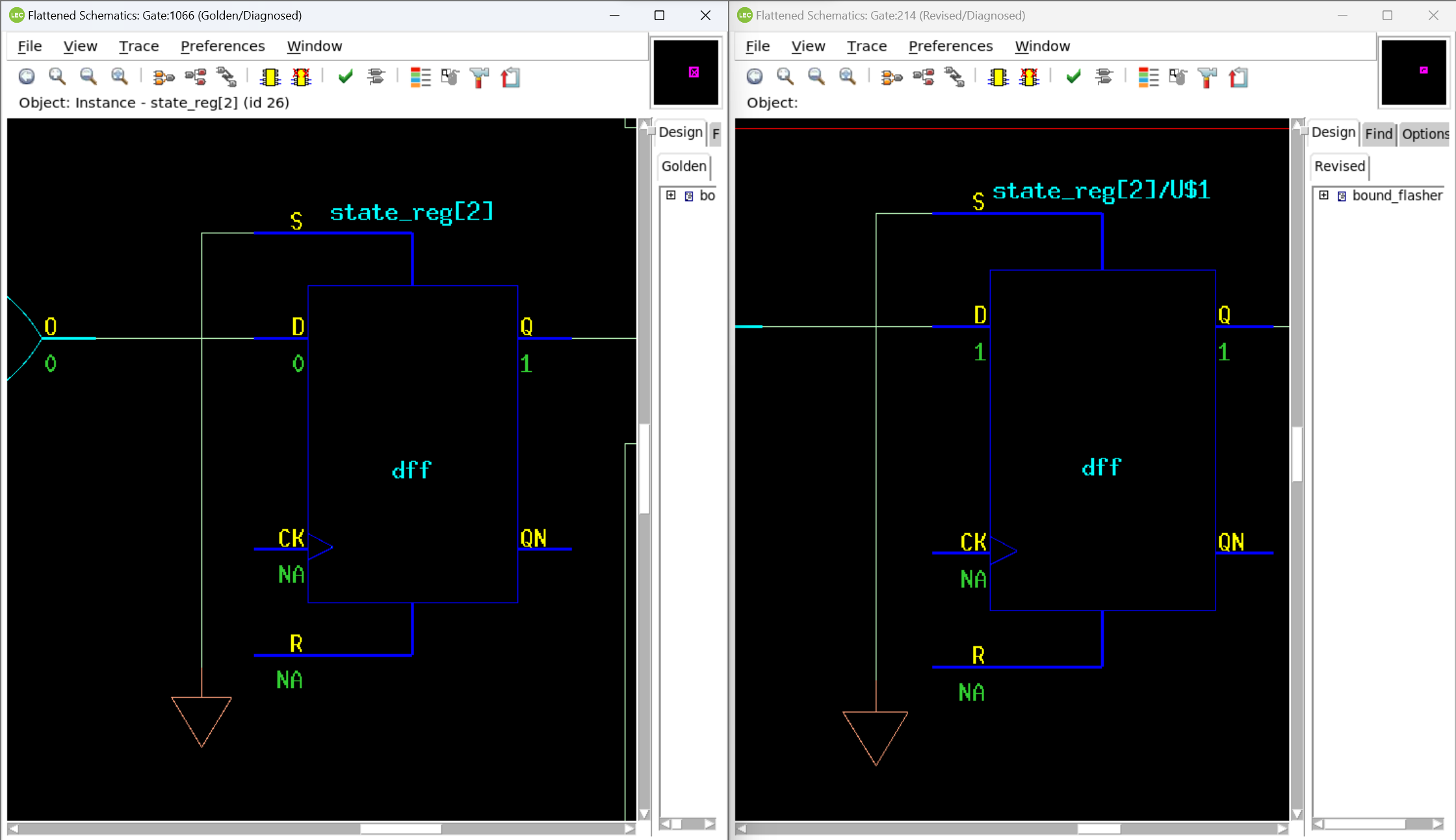


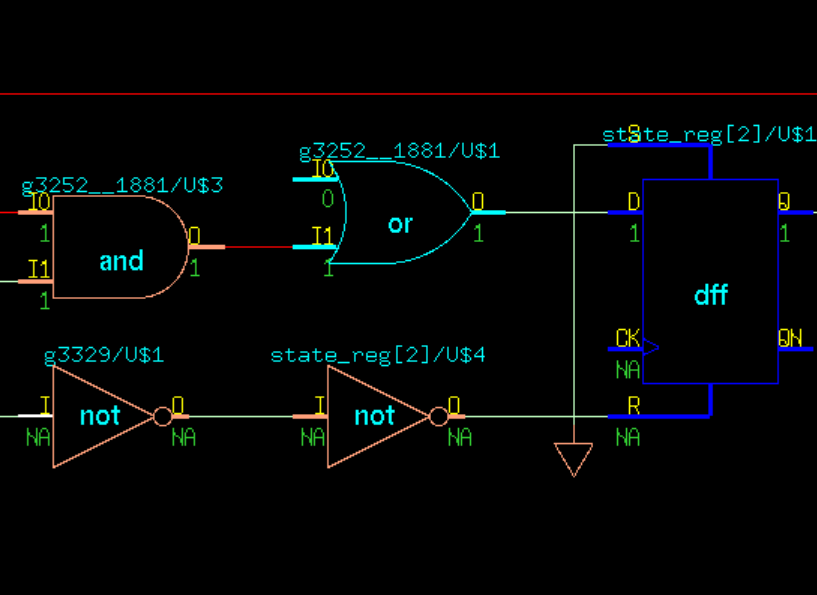


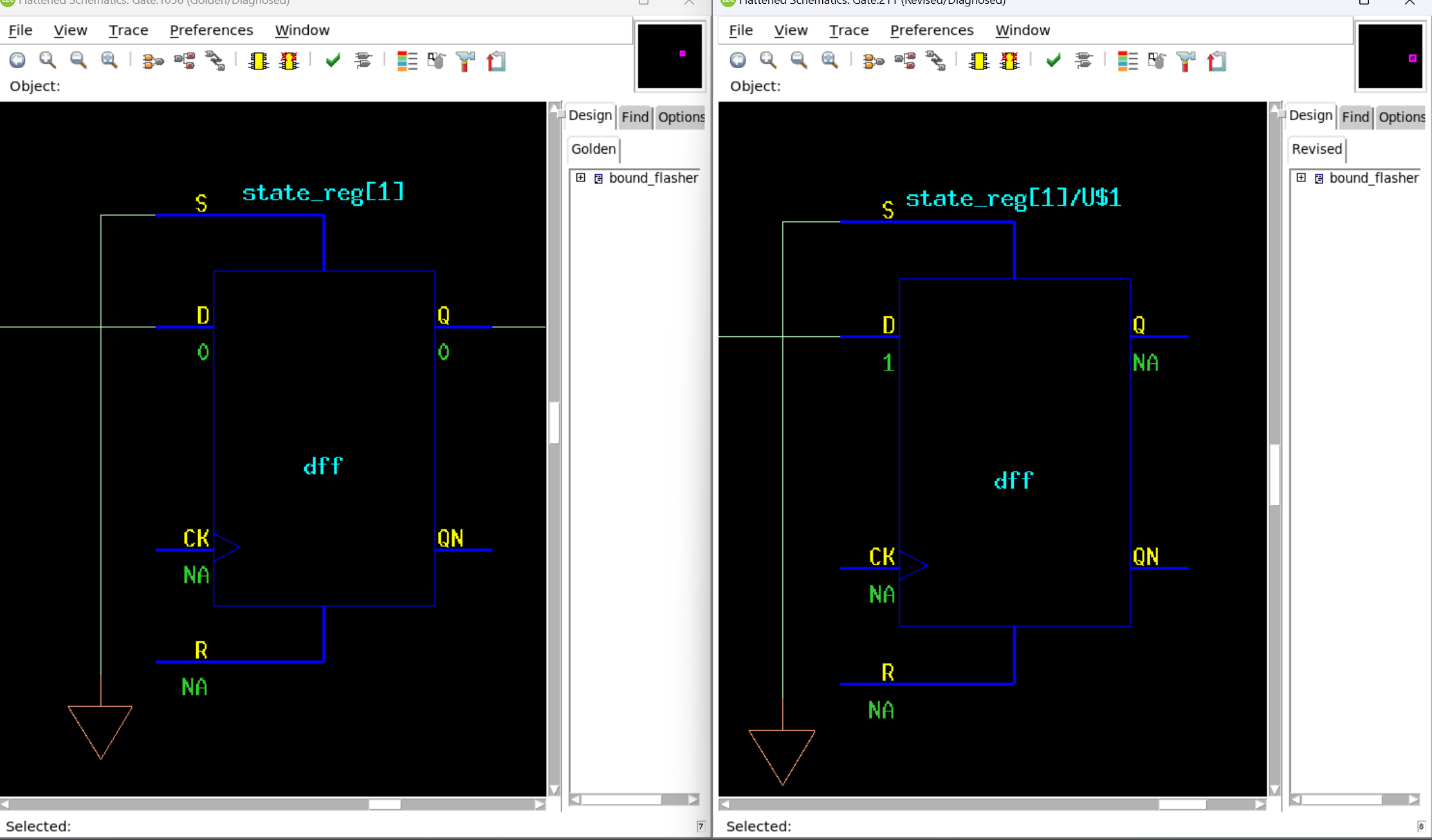
Hình ảnh trace back của các chân tín hiệu count\_reg[0], count\_reg[1], count\_reg[2] và count\_reg[3] là giống nhau:

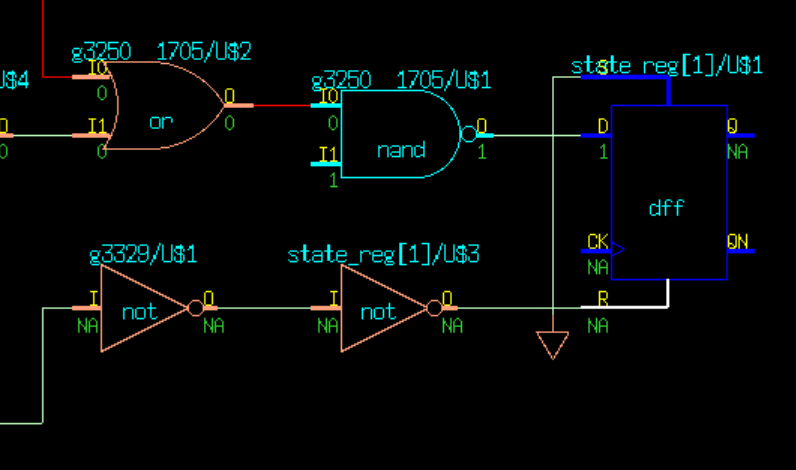


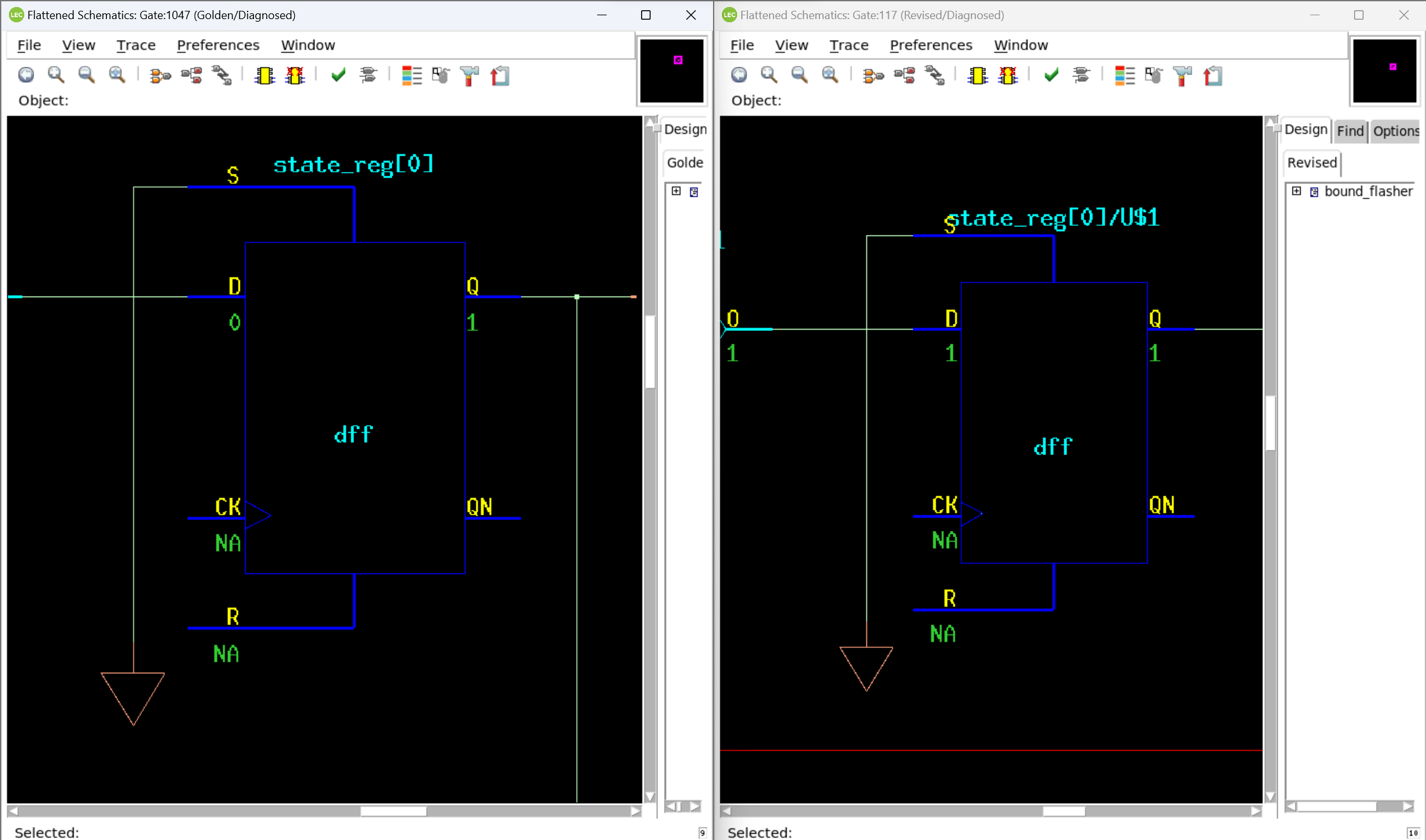
**Bước 4: Kiểm tra state\_reg**

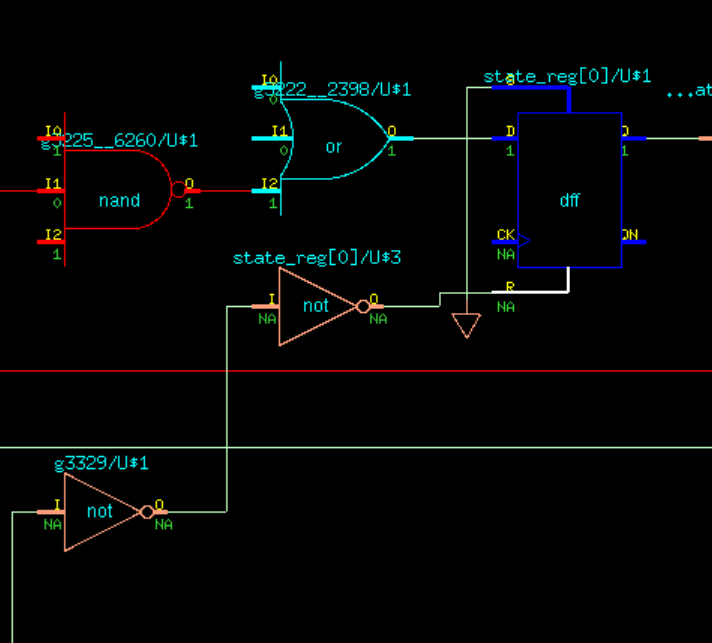




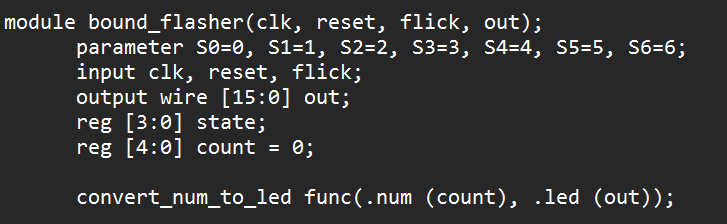




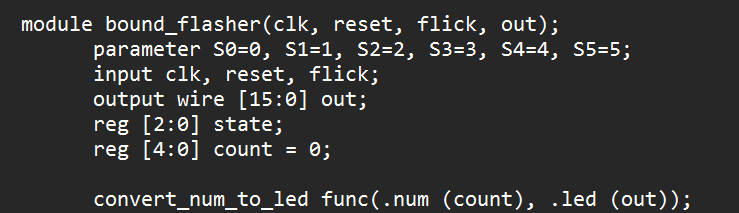




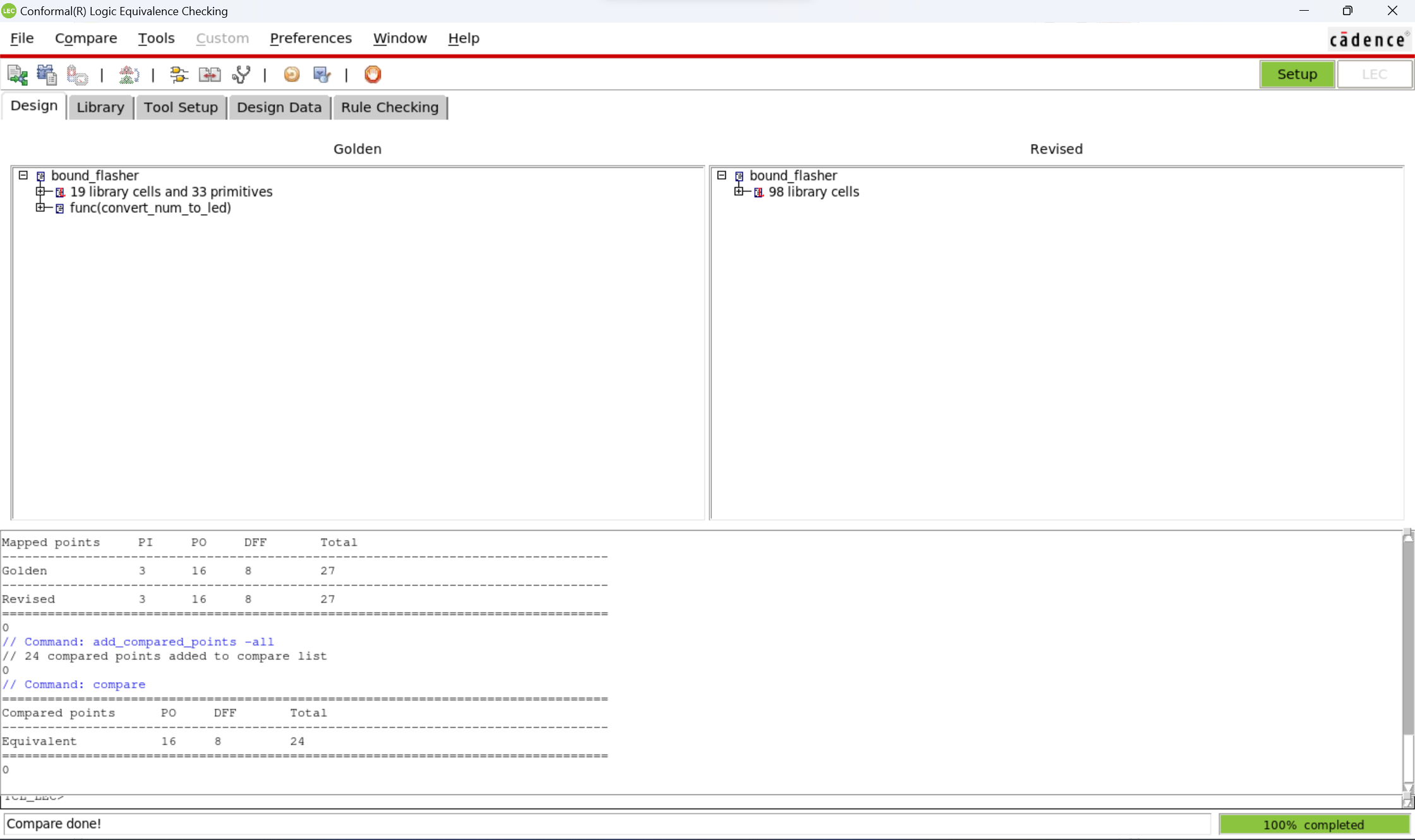
Nhóm kiểm tra lại code và nhận ra một số lỗi: dư parameter S6 và bit thứ 4 của state không cần thiết



**Đoạn code bị lỗi**



**Đoạn code đã chỉnh sửa**



Chạy lại lệnh ./go\_lec và không còn non-equivalent points