μ-LED Chip Process from LLO (Laser Lift Off) to Mass Transfer

1. LED Wafer Attached on a Donor Plate
2. Laser Lift Off Process
3. Removal of Sapphire Wafer
4. Gas Cleaning Process
5. μ-LED Chip Mass Transfer Process
6. μ-LED Lit

- Laser Lift Off Process
  - LED Wafer Attached on a Donor Plate
  - μ-LED Wafer Attached on a Donor Plate

- Gas Cleaning Process
  - Deionized Water Rinse
  - HCl Aqueous Solution

- μ-LED Chip Mass Transfer Process
  - μ-LED Chips on a Backplane Display
  - EZ-PETAMP Picked up μ-LED Chips on a Backplane Display
  - μ-LED Chips on a Donor Plate (SQDP)

- μ-LED Lit

- Removal of Sapphire Wafer
  - Transferred μ-LED Chips on a Donor Plate (SQDP)

- μ-LED Chip Process from LLO to Mass Transfer