

/ Ansys DDR Eye Analyzer

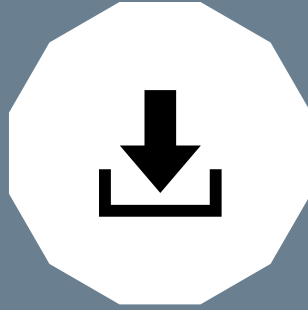


About ADEA

New DDR Solution for
Easy! Simple! and Customizable!

[See more details about ADEA!](#)

01

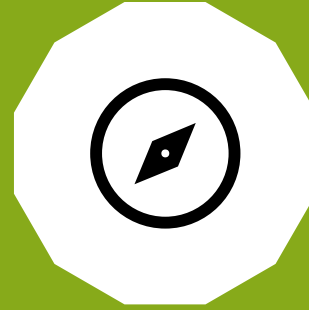


GitHub

All ADEA source codes are
published on the GitHub.

[Download and Enjoy ADEA!](#)

02



How to Use

User guide is included in ADEA .

Go to `./Resources/help`

[Check the guide video!](#)

03



Questions

Any questions & problems,
Send an e-mail to developer

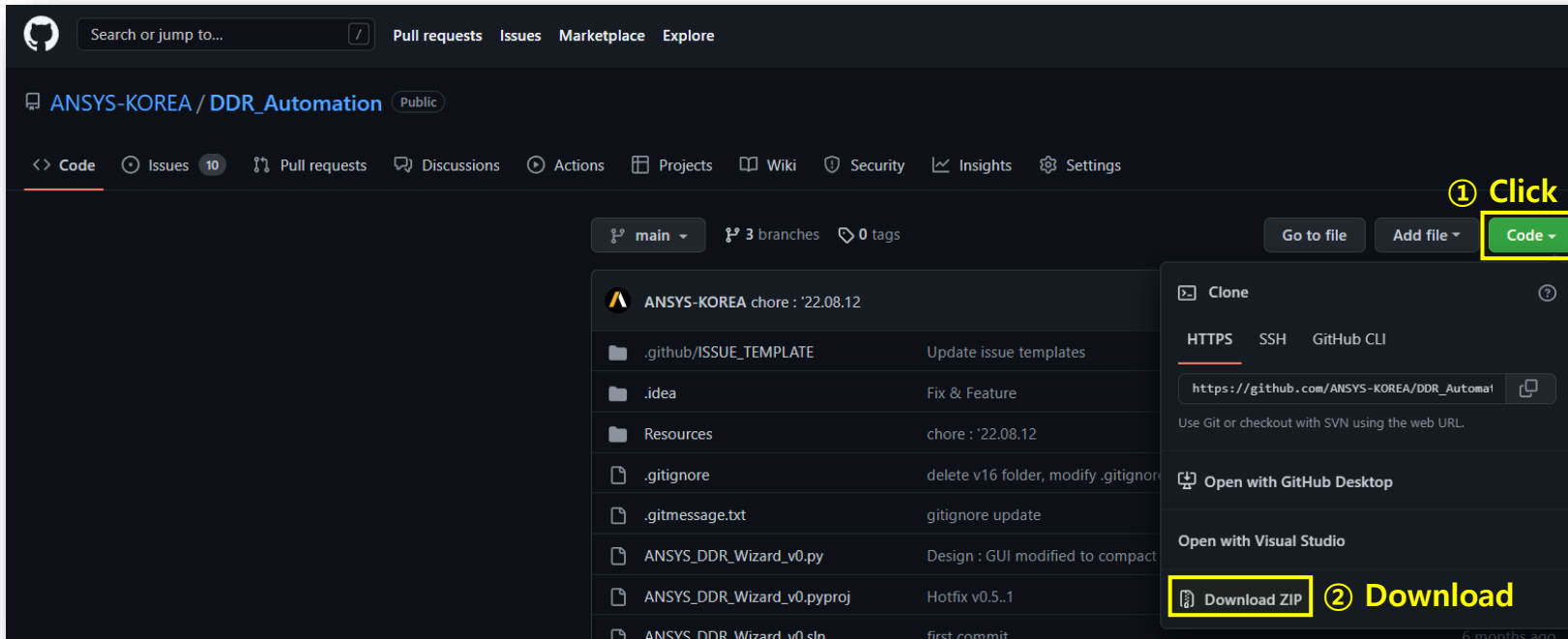
04

Getting Start with ADEA

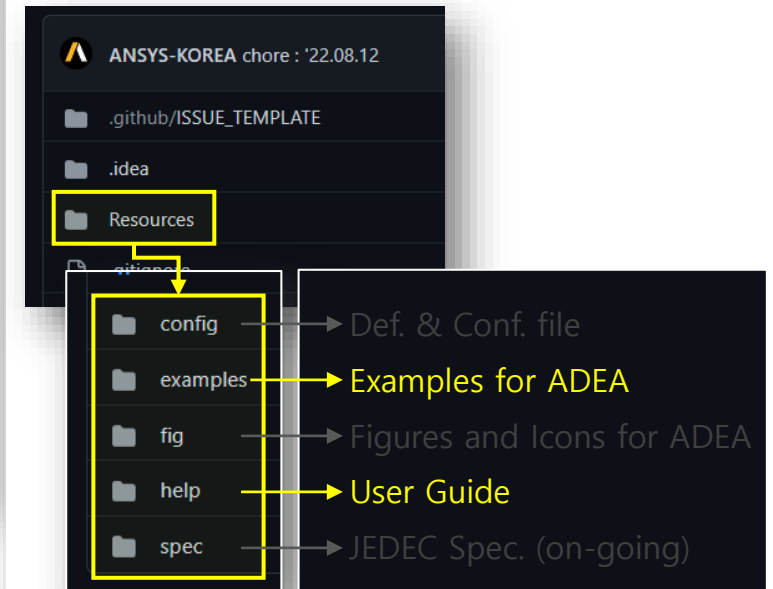


❏ Source code, example, and user guides of ADEA are available for download from GitHub.

- Download ADEA from the [Ansys-Korea GitHub Homepage](https://github.com/ANSYS-KOREA/DDR_Automation).



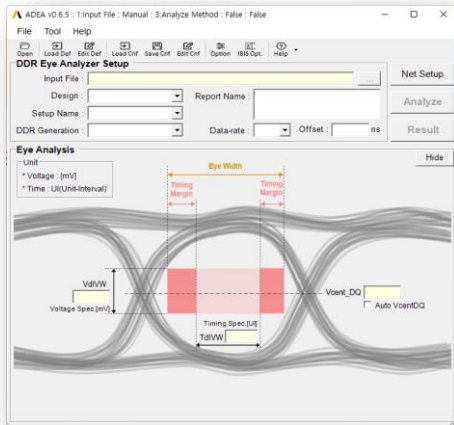
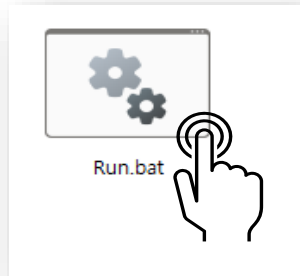
Check the **Examples** and **User Guide**
in the **Resources** folder 😊



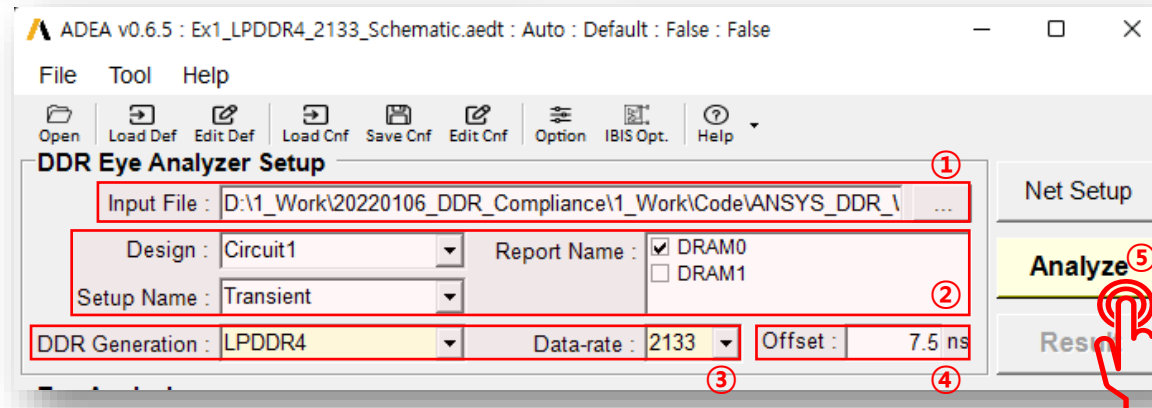
User Guide – Ansys DDR Eye Analyzer : Eye Analyze



1. Launch ADEA



2. ADEA Setup

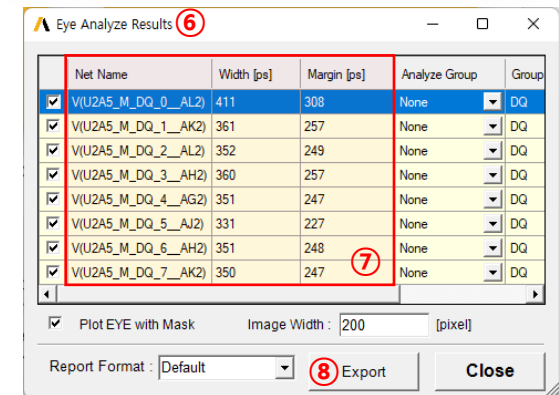


- ① Load **Input File** (*.aedt).
- ② Select **Design**, **Setup**, and **Report**.
- ③ Select **DDR Type** and **Data-rate**.
- ④ Enter **Offset** for eye analyze.

3. Analyze

- ⑤ Click '**Analyze**'

4. Result



- ⑥ Result Window Pops up.
- ⑦ Check Analysis Results
- ⑧ Export Report (Optional)

User Guide – Ansys DDR Eye Analyzer : IBIS Opt.

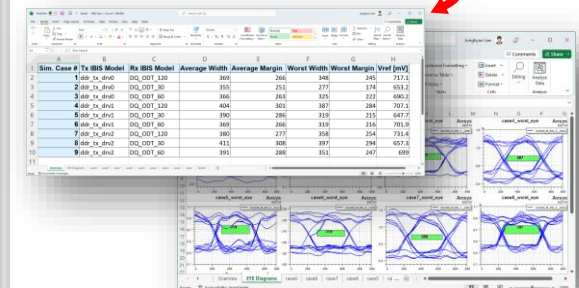
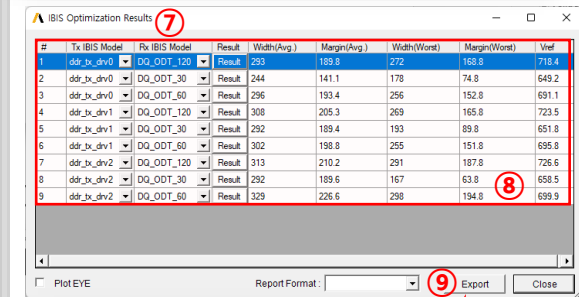
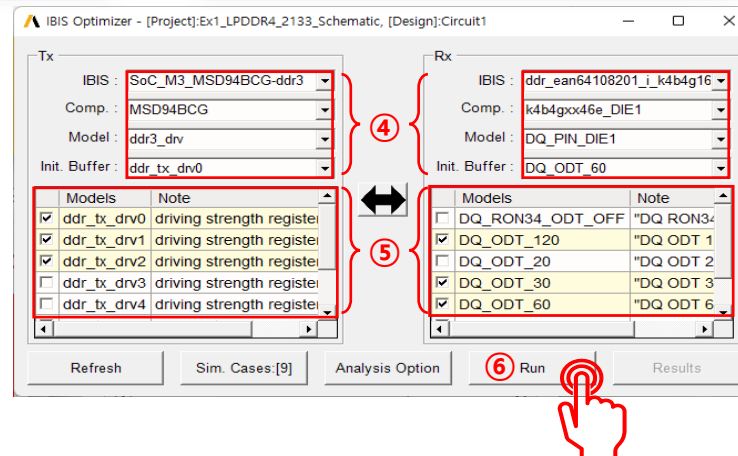
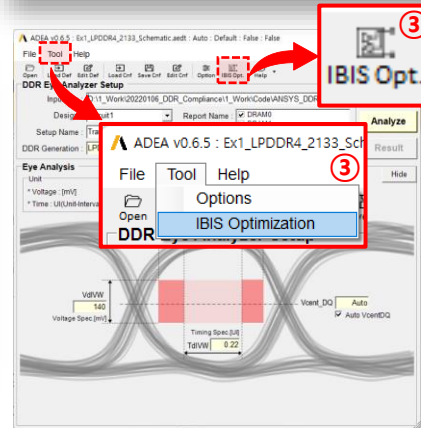
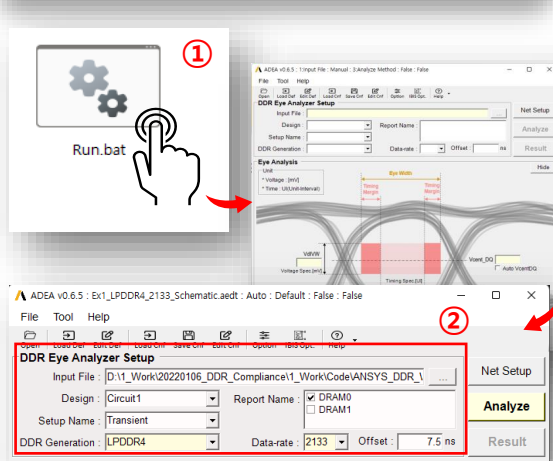


1. IBIS Opt. Setup

2. Sim. Case Setup

3. Analyze

4. Result



Same way as Eye Analyze

① Launch AEDA

② ADEA Setup

③ Click 'IBIS Opt.' Icon
or Tool → IBIS Opt.

④ Check Tx & Rx IBIS Info.
✓ IBIS file, Comp., Model, Initial Buffer

⑤ Select IBIS Models for Tx/Rx.

⑥ Click 'Run'

⑦ Result Window Pops Up.

⑧ Check Analysis Results.

⑨ Export Report