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,

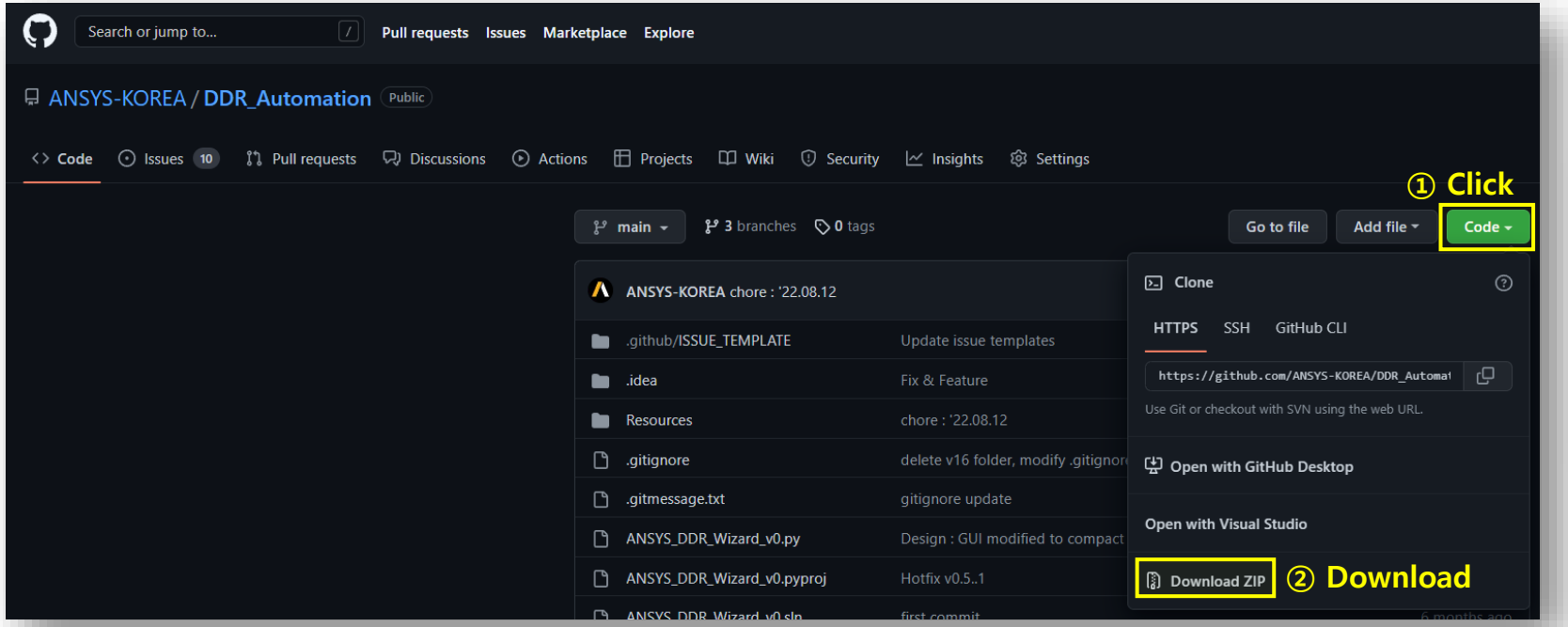
Send an e-mail to developer

04

Getting Start with ADEA

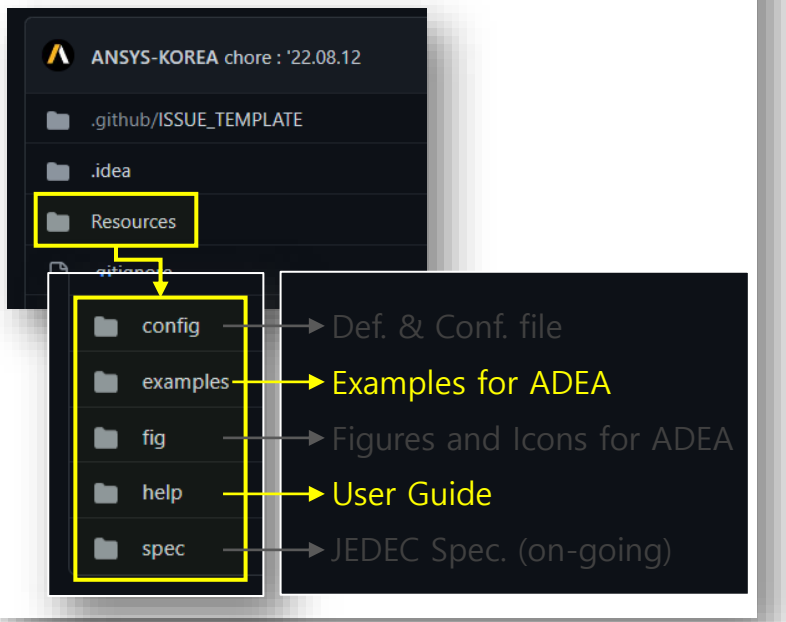
Show Video

- **Source code, example, and user guides of ADEA are available for download from GitHub.**
  - Download ADEA from the Ansys-Korea GitHub Homepage.



Check the **Examples** and **User Guide**

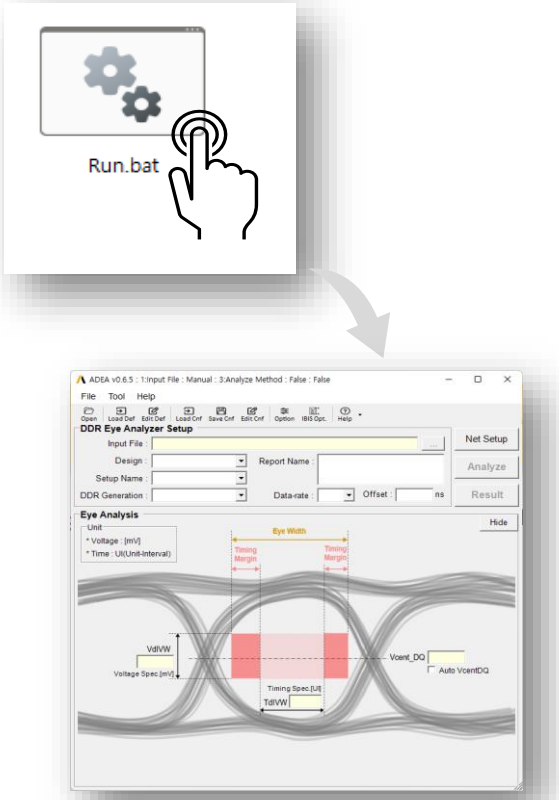
in the **Resources** folder ☺



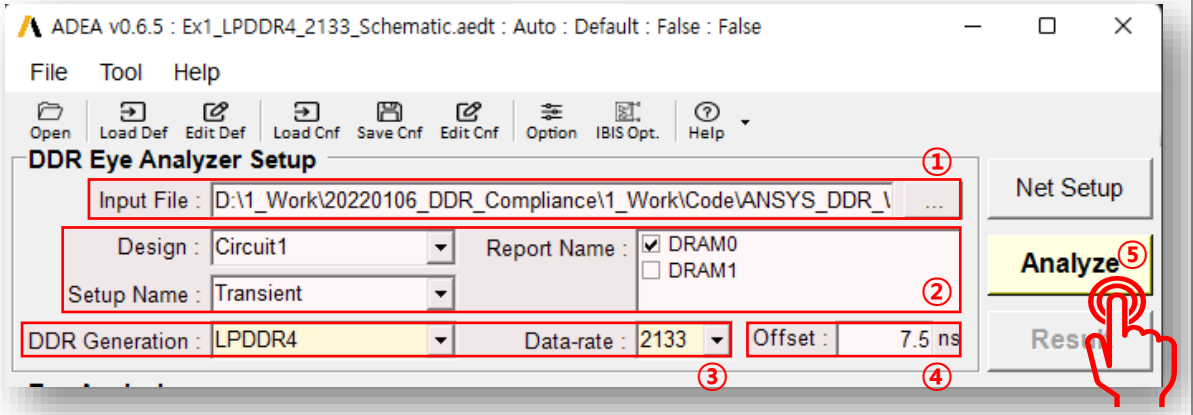
User Guide – Ansys DDR Eye Analyzer : Eye Analyze

Show Video

1. Launch ADEA



2. ADEA Setup



① Load **Input File** (*.aedt).

② Select **Design**, **Setup**, and **Report**.

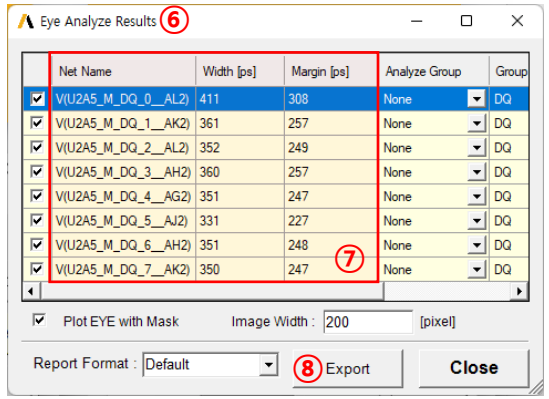
③ Select **DDR Type** and **Data-rate**.

④ Enter **Offset** for eye analyze.

3. Analyze

⑤ Click '**Analyze**'

4. Result



⑥ Result Window Pops up.

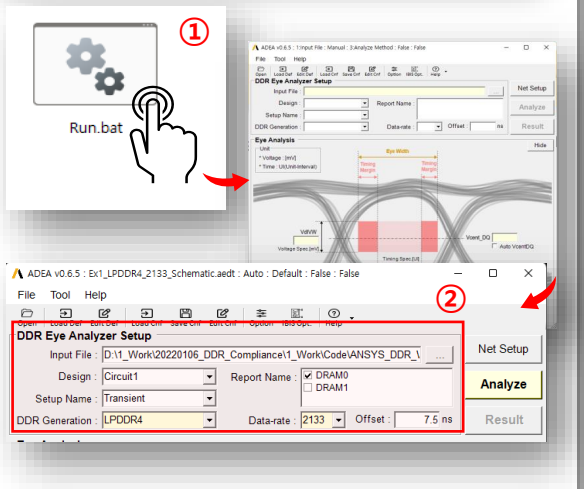
⑦ Check Analysis Results

⑧ Export Report (Optional)

User Guide – Ansys DDR Eye Analyzer : IBIS Opt.

Show Video

1. IBIS Opt. Setup



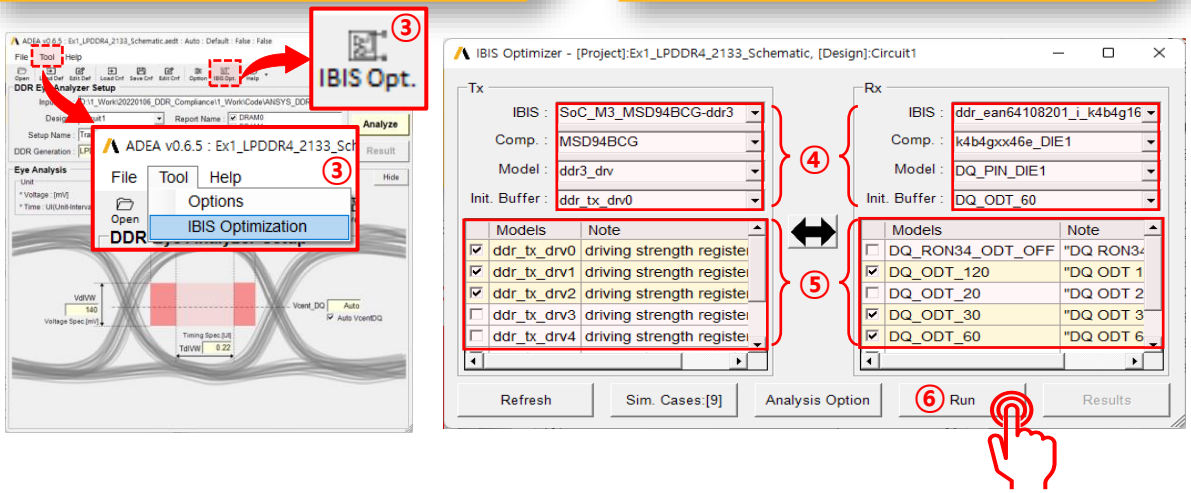
Same way as Eye Analyze

① Launch AEDA

② ADEA Setup

2. Sim. Case Setup

3. Analyze



③ Click '**IBIS Opt.**' Icon

or **Tool → IBIS Opt.**

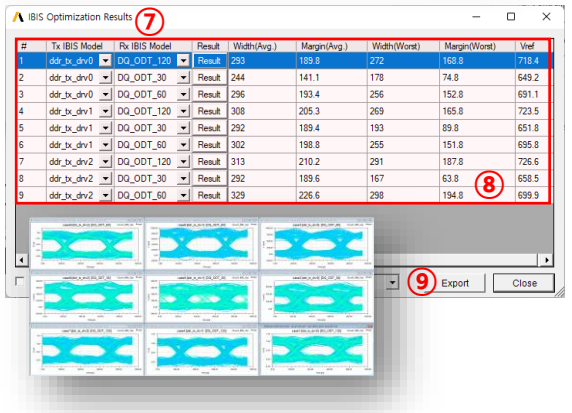
④ Check Tx & Rx IBIS Info.

- ✓ **IBIS file, Comp., Model, Initial Buffer**

⑤ Select **IBIS Models for Tx/Rx**.

⑥ Click '**Run**'

4. Result



⑦ Result Window Pops Up.

⑧ Check Analysis Results.

⑨ Export Report (TBD)