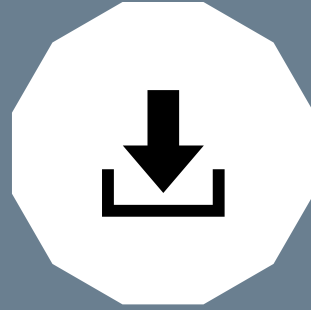# / **A**nsys **D**DR **E**ye **A**nalyzer

About ADEA

New DDR Solution for

Easy! Simple! and Customizable!

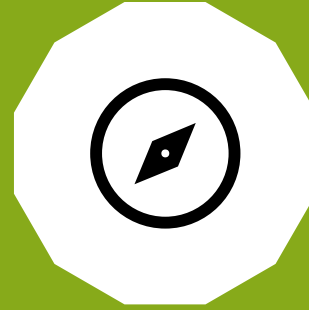**See more details about ADEA!**

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,
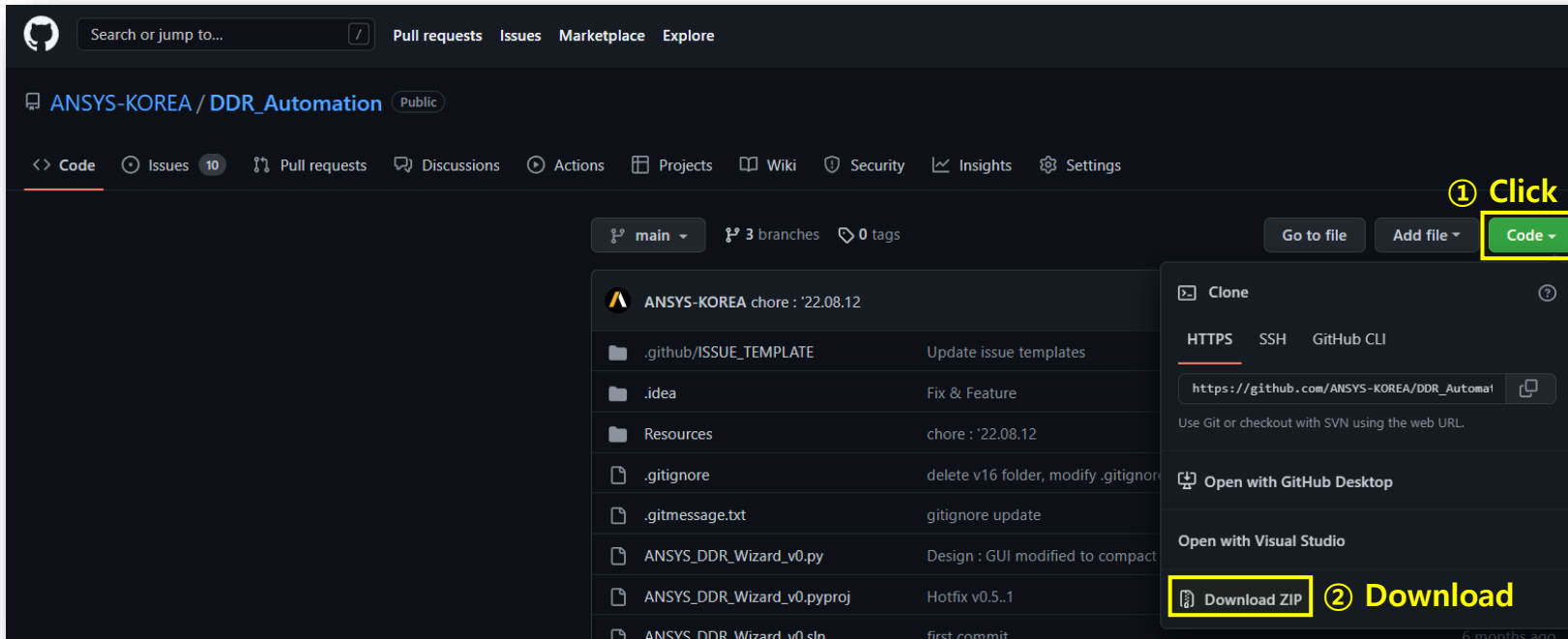
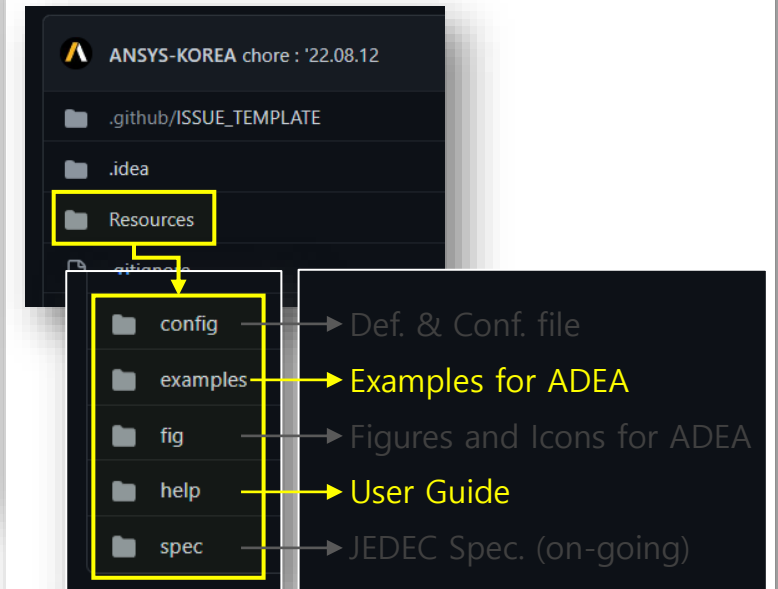Send an e-mail to developer

04

/Ansys

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.

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

in the **Resources** folder ☺

① **Click**
② **Download**

- config → Def. & Conf. file
- examples → Examples for ADEA
- fig → Figures and Icons for ADEA
- help → User Guide
- spec → JEDEC Spec. (on-going)

User Guide – **A**nsys **D**DR **E**ye **A**nalyzer : Eye Analyze

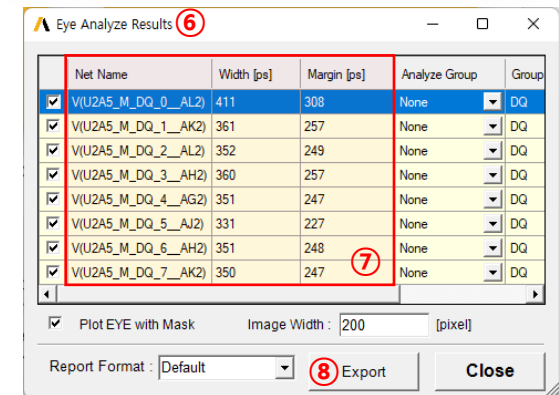**1. Launch ADEA**   **2. ADEA Setup**   **3. Analyze**   **4. Result**
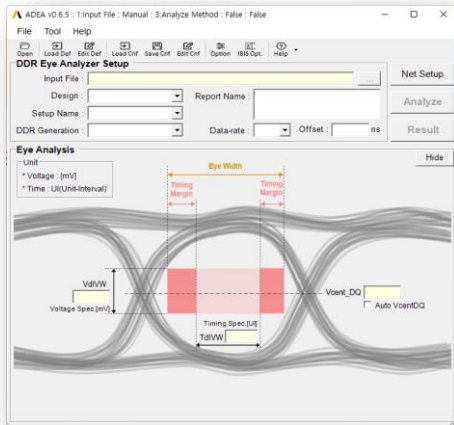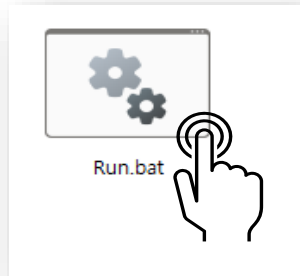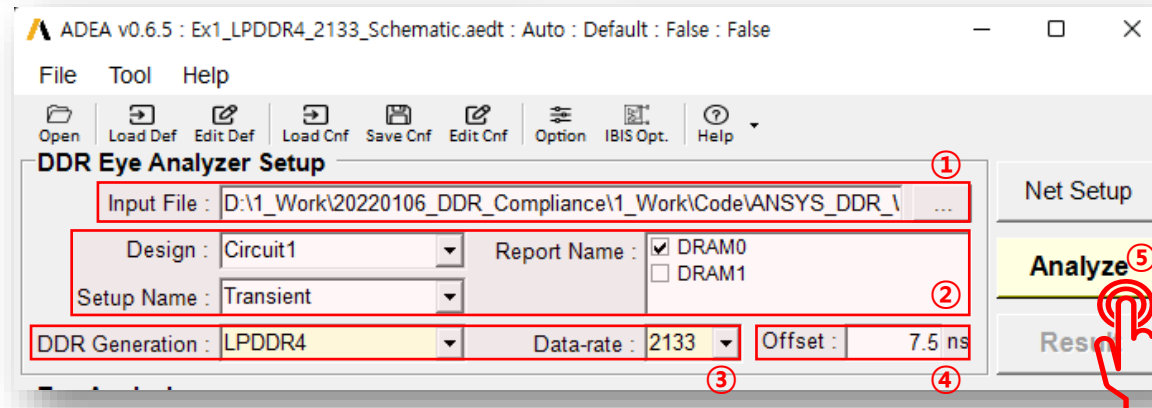
① Load **Input File** (*.aedt).

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

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

④ Enter **Offset** for eye analyze.

⑤ Click '**Analyze**'

⑥ Result Window Pops up.
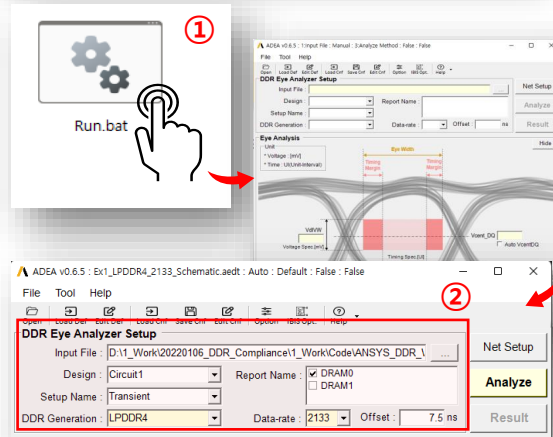
⑦ Check Analysis Results

⑧ Export Report (Optional)

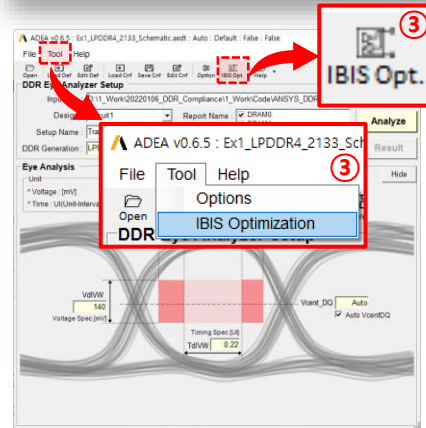# User Guide – **A**nsys **D**DR **E**ye **A**nalyzer : IBIS Opt.

1. IBIS Opt. Setup

2. Sim. Case Setup

3. Analyze

4. Result

Same way as Eye Analyze
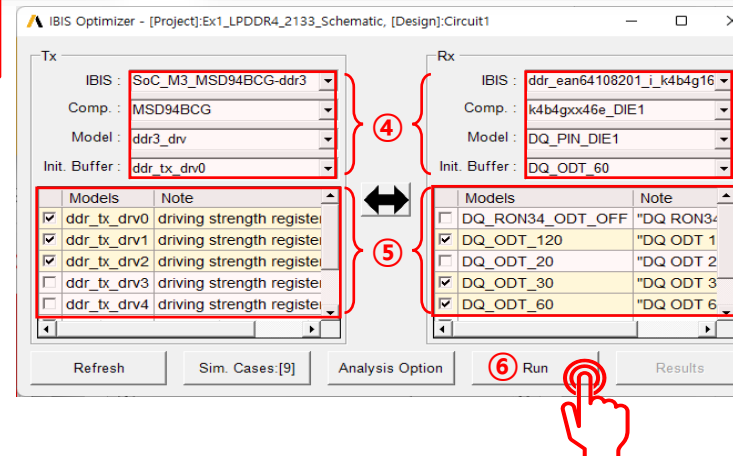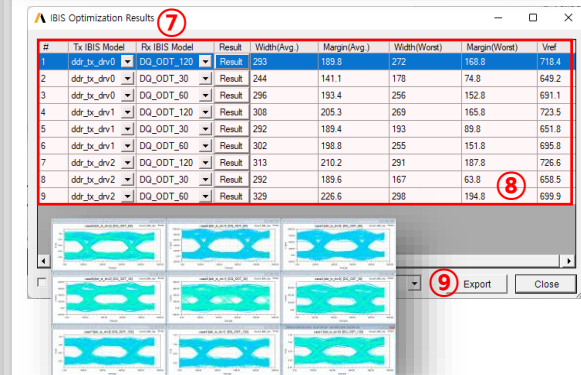
① Launch AEDA

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 (TBD)