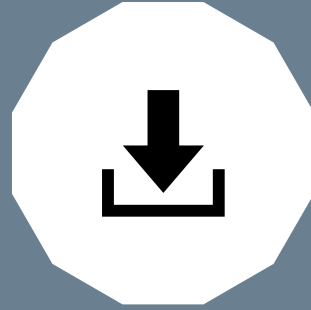# / Ansys DDR Eye Analyzer

## About ADEA

New DDR Solution for

Easy! Simple! and Customizable!

**See more details about ADEA!**
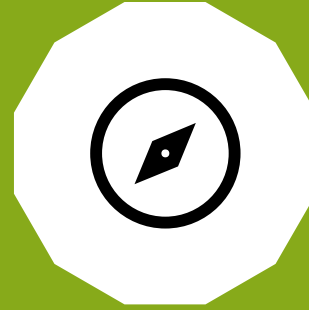
**01**

## 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,
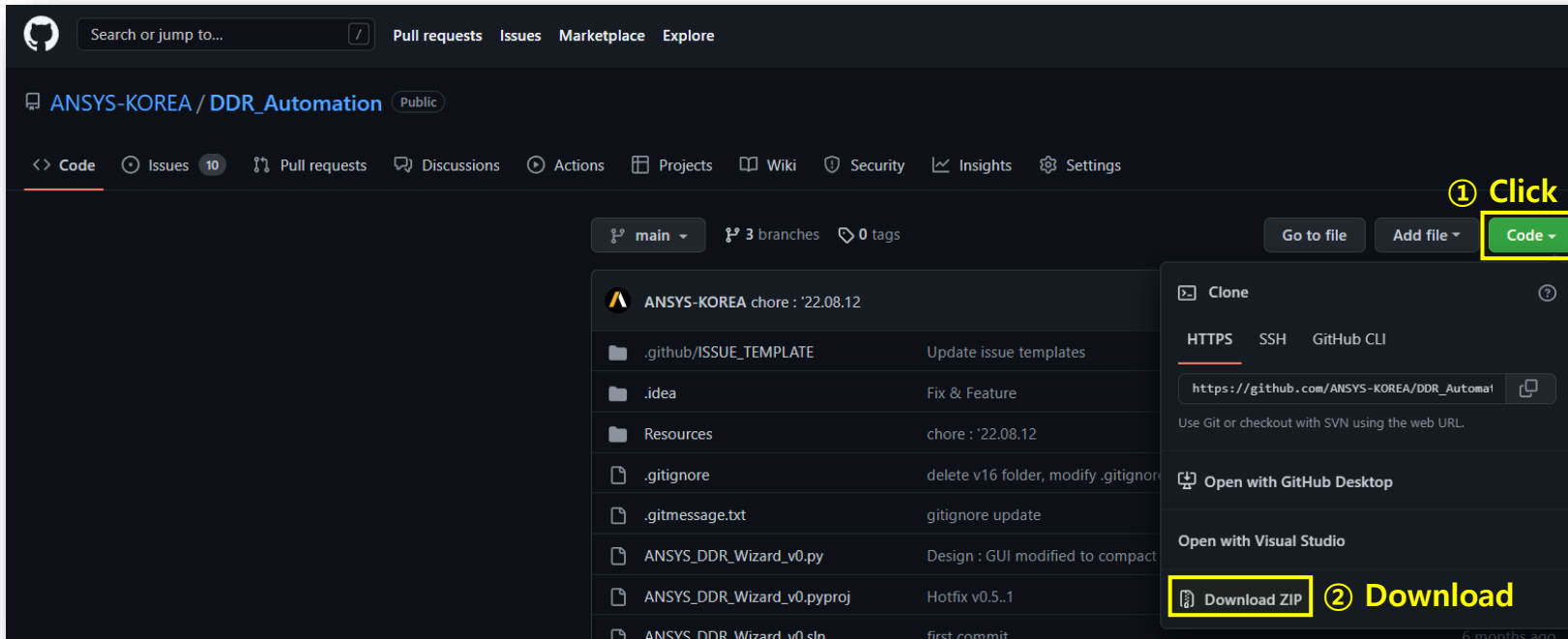
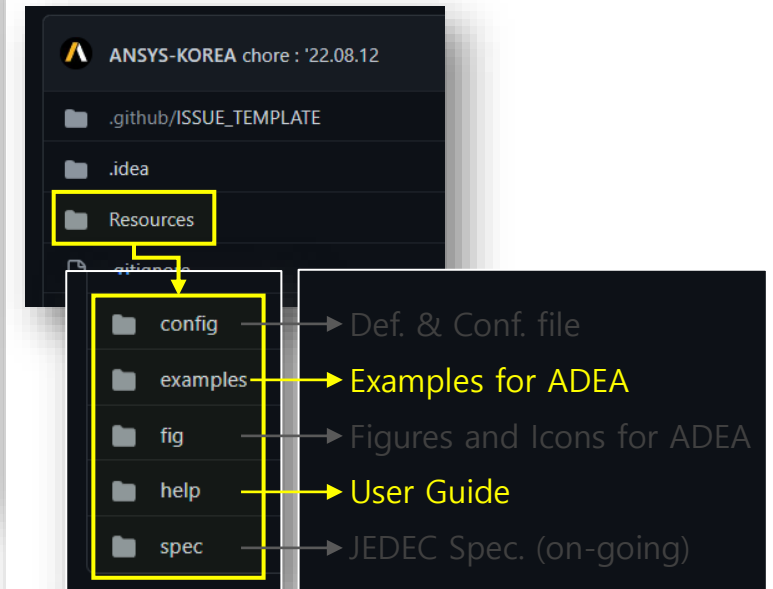Send an e-mail to developer

**04**

/Ansys

# Getting Start with ADEA

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

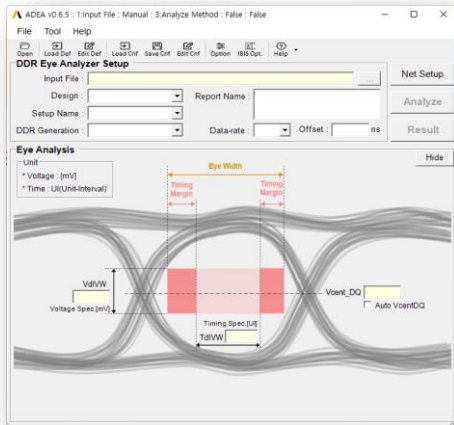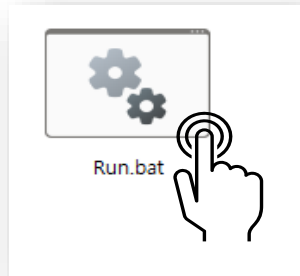• Download ADEA from the Ansys-Korea GitHub Homepage.



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

in the **Resources** folder ☺

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

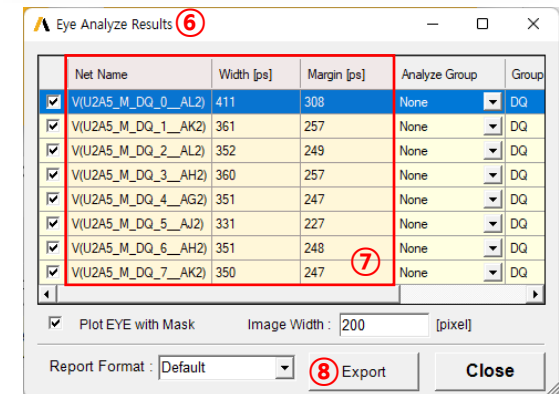**1. Launch ADEA** → **2. ADEA Setup** → **3. Analyze** → **4. Result**
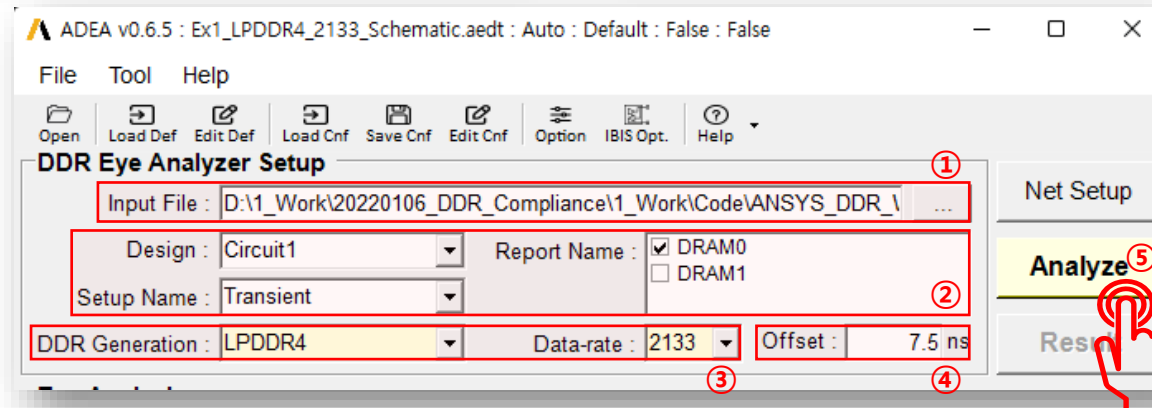


① Load **Input File** (*.aedt).

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.
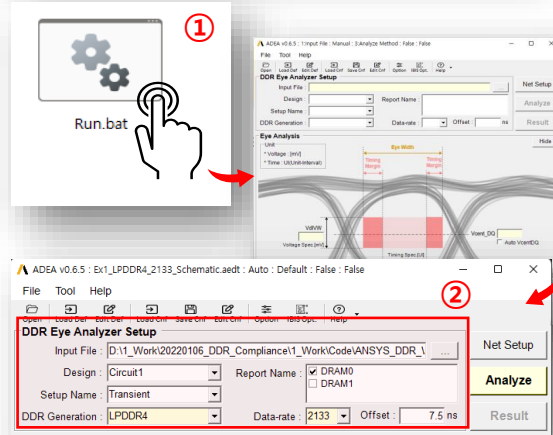
⑦ Check Analysis Results

⑧ Export Report (Optional)

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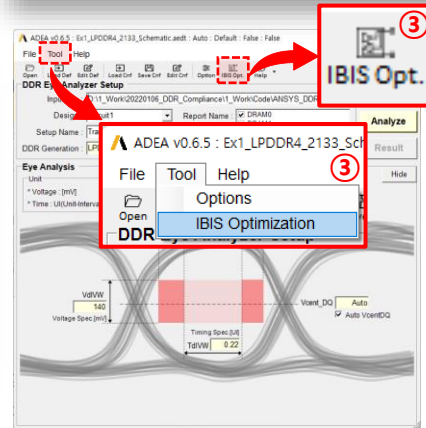
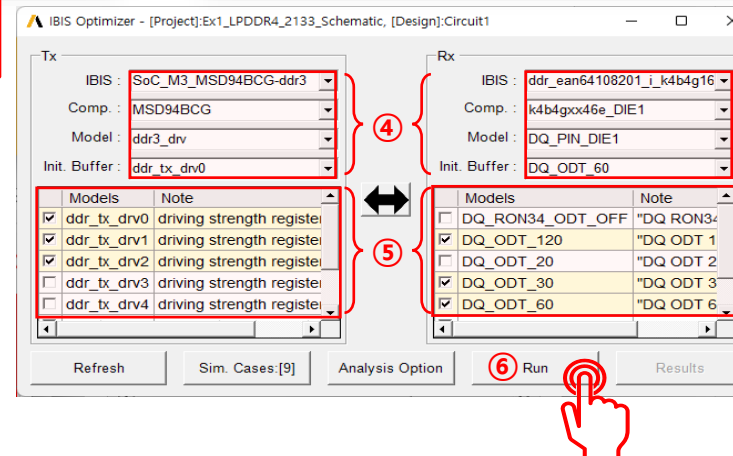## 1. IBIS Opt. Setup



**Same way as Eye Analyze**

① Launch AEDA

② ADEA Setup

## 2. Sim. Case Setup
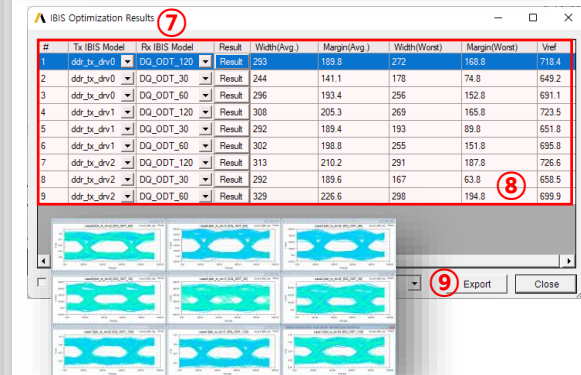


③ Click '**IBIS Opt.**' Icon

    or **Tool → IBIS Opt.**

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

⑤ Select **IBIS Models for Tx/Rx**.

## 3. Analyze



⑥ Click '**Run**'

## 4. Result



⑦ Result Window Pops Up.

⑧ Check Analysis Results.

⑨ Export Report (TBD)