

/ Ansys DDR Eye Analyzer

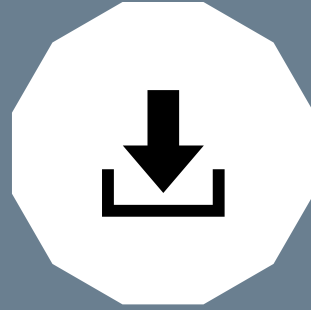


About ADEA

New DDR Solution for
Easy! Simple! and Customizable!

[See more details about ADEA!](#)

01

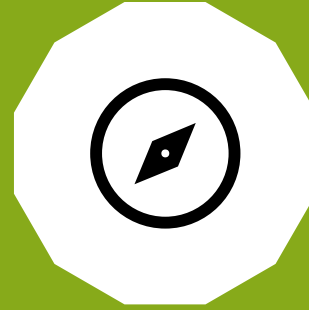


GitHub

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

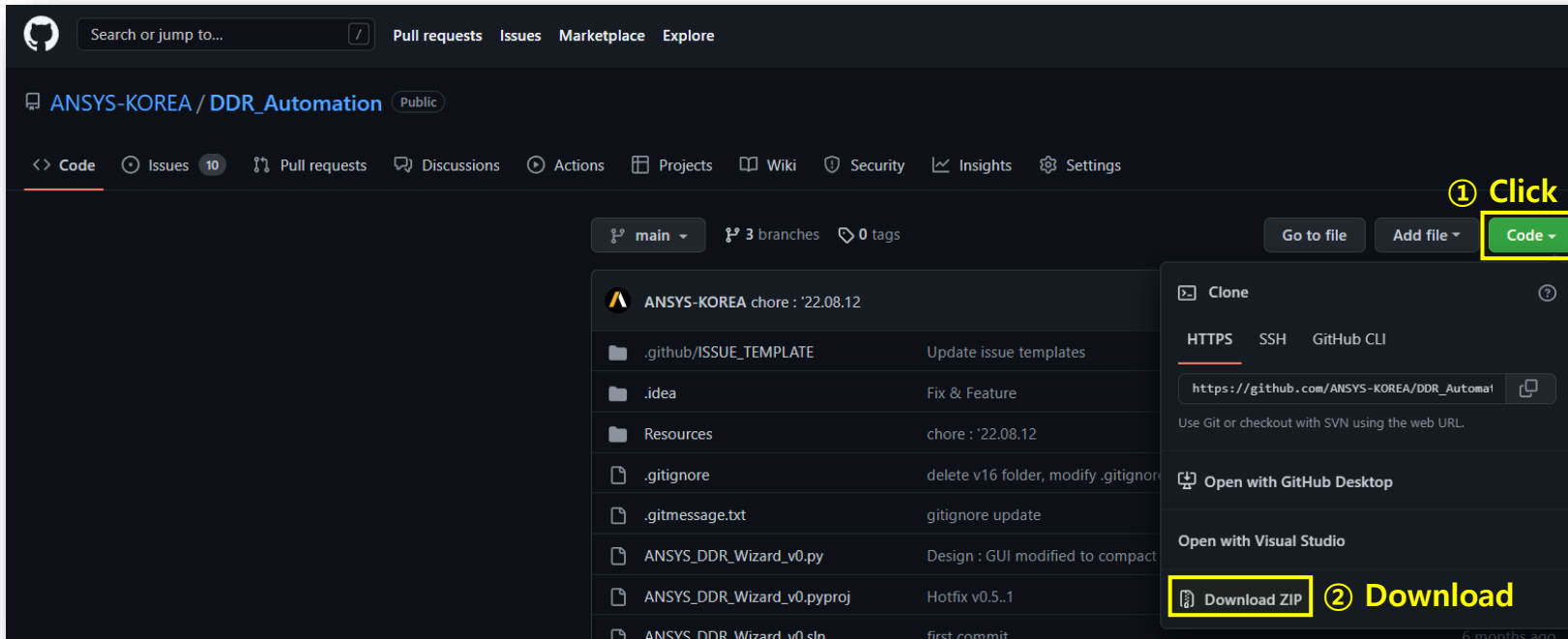
04

Getting Start with ADEA

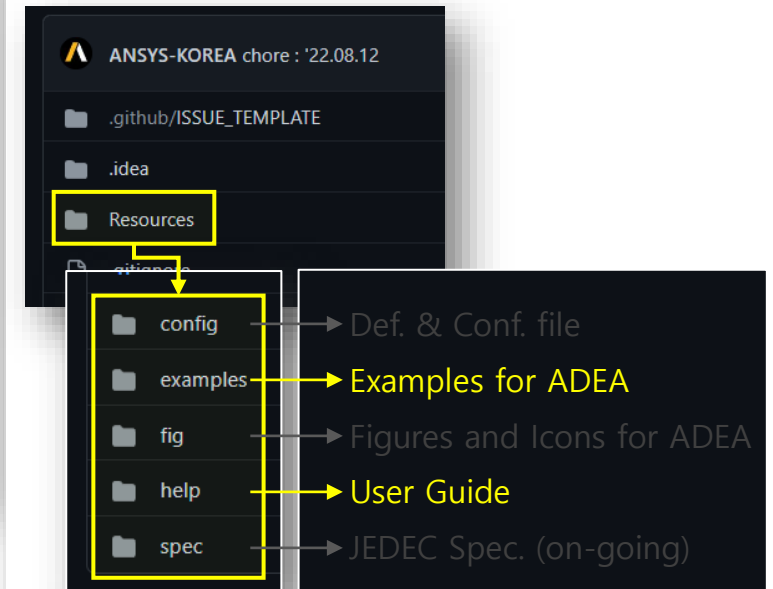


❑ ADEA의 소스 코드, 예제, 그리고 User Guide를 GitHub에서 다운로드 받으실 수 있습니다.

- [Ansys-Korea GitHub Homepage](#)에서 ADEA를 Download 합니다.



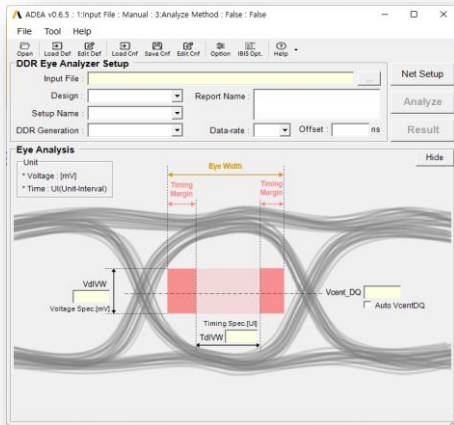
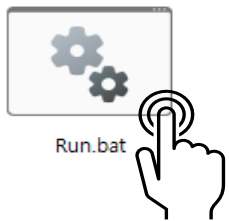
Download한 File의 **Resources folder**에서,
ADEA의 **예제**와 **User Guide**를 확인하세요



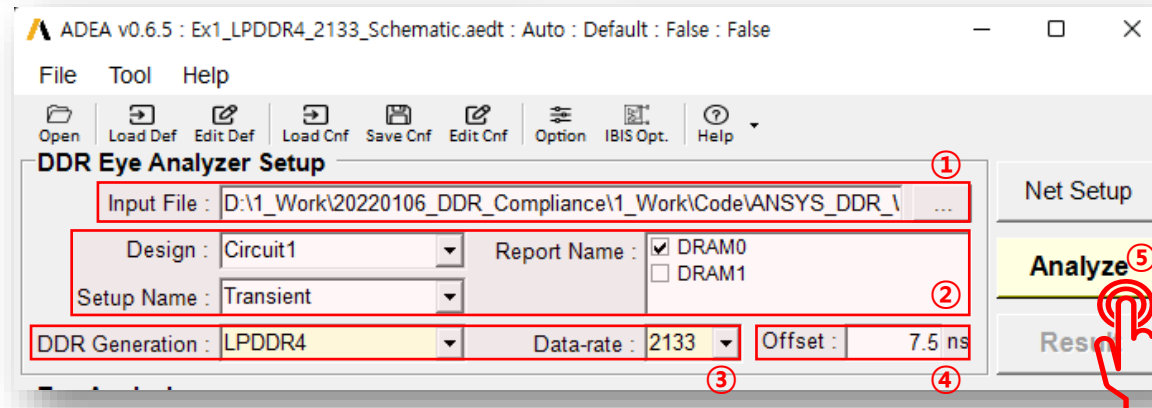
User Guide – Ansys DDR Eye Analyzer : Eye Analyze



1. Launch ADEA



2. ADEA Setup



① 입력 파일(*.aedt) 선택

⑤ Click 'Analyze'

② Design, Setup Name, Report Name 선택

③ DDR Type 및 Data-rate 선택

④ Eye 해석 Offset 입력

3. Analyze

4. Result

Net Name	Width [ps]	Margin [ps]	Analyze Group	Group
✓ V(U2A5_M_DQ_0__AL2)	411	308	None	DQ
✓ V(U2A5_M_DQ_1__AK2)	361	257	None	DQ
✓ V(U2A5_M_DQ_2__AL2)	352	249	None	DQ
✓ V(U2A5_M_DQ_3__AH2)	360	257	None	DQ
✓ V(U2A5_M_DQ_4__AG2)	351	247	None	DQ
✓ V(U2A5_M_DQ_5__AJ2)	331	227	None	DQ
✓ V(U2A5_M_DQ_6__AH2)	351	248	None	DQ
✓ V(U2A5_M_DQ_7__AK2)	350	247	None	DQ

⑥ 결과창 자동 Pop-up

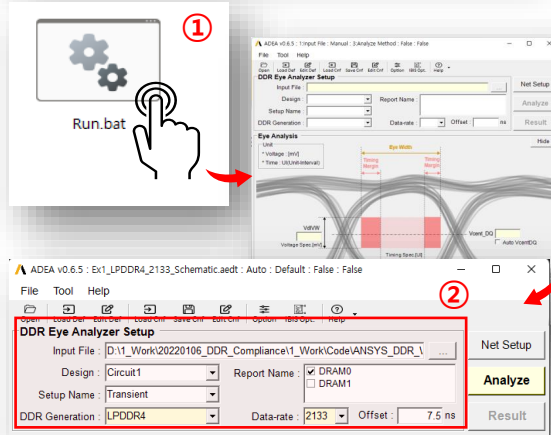
⑦ Timing 분석 결과 확인

⑧ 필요시 Report 출력

User Guide – Ansys DDR Eye Analyzer : IBIS Opt.



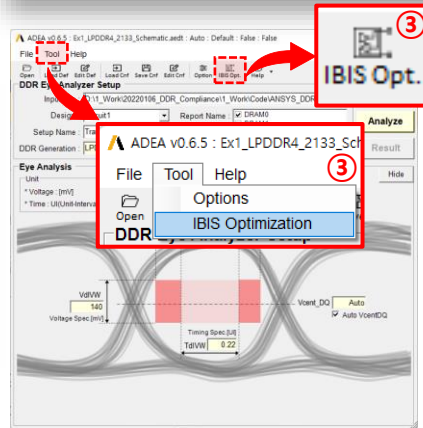
1. IBIS Opt. Setup



Eye Analyze와 동일하게,

- ① Launch AEDA
- ② ADEA Setup

2. Sim. Case Setup

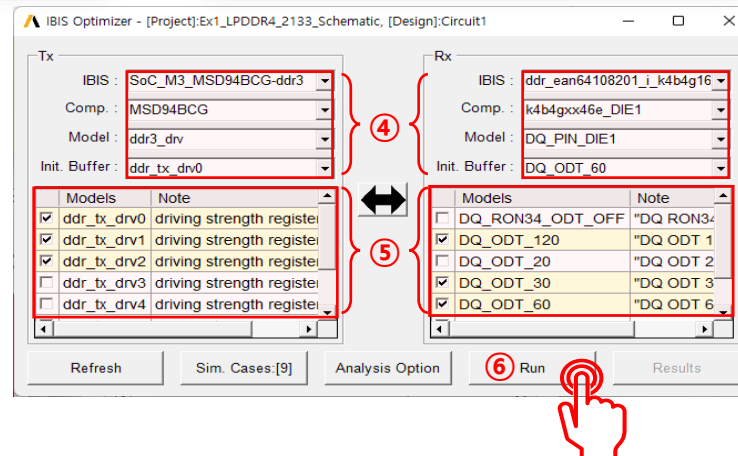


- ③ Click '**IBIS Opt.**' Icon
or **Tool → IBIS Opt.**
- ④ Check Tx & Rx IBIS Info.

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

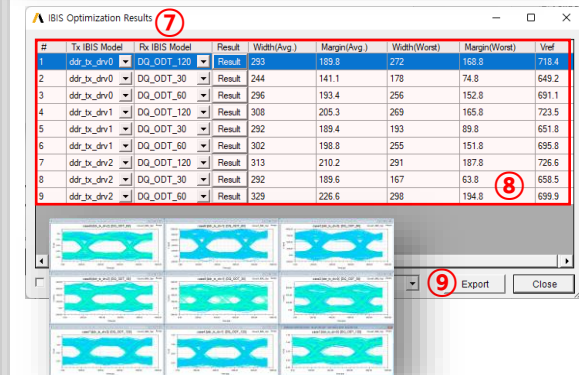
- ⑤ Select **IBIS Models for Tx/Rx**

3. Analyze



- ⑥ Click 'Run'

4. Result



- ⑦ 결과창 자동 Pop-up
- ⑧ Case별 분석 결과 확인
- ⑨ 필요시 Report 출력(TBD)