**Code Origins Form (“COF”) Process Overview**

All software distributed or provided by ADI to external parties must be accompanied by an ADI software license agreement. This applies to all software and firmware, be it simple or complex, free or charged, source or object, or for evaluation or production use. ADI’s Licensing team will provide you with the required outbound software license agreement for your software product based on the information that you submit in the COF.

* The COF requires you to supply information about the origins of your code to determine the appropriate software license agreement to associate with your software. The Licensing team may contact you to resolve any unclear information or outstanding questions, and once concluded, the Licensing team will provide you with a *proposed* software license agreement.
* You are required to review the proposed software license agreement to check that it meets your needs and expectations.
* If the proposed software license agreement is satisfactory, please notify the Licensing team and they will issue you a COF approval and the final release-ready software license agreement.
* You must package the final software license agreement with your software prior to providing it to your customer. This is typically bundled with the software as a click-through license agreement (which is preferred over hand-signed license agreements).

Please note that the final software license agreement that you are issued is very often customized to your specific software product and is not typically transferable to other software products.

**Additional information and resources:**

* <https://software.analog.com/licensing> provides a Software Licensing FAQ (which contains a good general summary of many software licensing related aspects) and other resources and information regarding software licensing and COFs.
* Please contact [software.licensing@analog.com](mailto:software.licensing@analog.com) for any additional questions or enquiries. First time COF-submitters are encouraged to reach out to the Regional Software Licensing Champions listed at <https://software.analog.com/licensing>.
* More detailed guidelines/instructions on completing a COF are available at this [link](https://confluence.analog.com/display/SWLT/Compliance+Guidelines%3A+Code+Origins+Forms).

**Steps to Complete the COF Process:**

**During the development phase**

Even though you may have written significant parts of your software package, it is quite common for projects to have integrated third party software components such as software, algorithms or other forms of intellectual property (third party IP). This could include either commercial or free or open source software. ADI needs to identify the name of each third party software component, from where it was obtained, and its associated third party license agreement. It is required to capture this information and pass this on to your software package recipients, typically in the form of an appendix to the software license agreement.

1. Please keep a record of any third party IP at the time of use. Please use the same component name as used by the third party.
2. Maintain copies of applicable license agreements at the time of use / download.
3. Review ALL license agreements BEFORE using the third party IP to make sure that the terms and conditions are acceptable from a business perspective.
   1. Ensure that you have the right to use the third party IP the way you intend to use it, BEFORE using it.
   2. Ask the ADI Licensing team if you have concerns / questions regarding any licensing terms.
   3. In connection with open source software, opt for software licensed under permissive software license agreements (e.g., BSD, MIT and Apache 2.0) as opposed to “copyleft” software license agreements (e.g., the GPL/LGPL family of licenses). For example, if you combine software licensed under the GPL with ADI proprietary code, you will be required to release all the resulting software under the GPL terms (including required distribution of source code and allowing modifications). This may not be acceptable and is against ADI policy. Please reach out to the ADI Open Source Program Office ([OSPO](mailto:stephen.kilbane@analog.com)) for any questions related to open source software.
   4. Some software is available under both open source software license agreements and commercial license agreements. If the open source software license terms create problems, consider acquiring the software under a commercial license agreement if it has more amenable terms and if feasible.
4. If you used a third party developer/contractor to write some or all of the software, you are required to provide a copy of the applicable counter-signed ADI services agreement (e.g. MPSA (Master Professional Services Agreement – used with companies) or CSA (Consultant Service Agreement – used with individuals) and project specific SOW (Statement of Work)) with your COF submission. Note that the terms of the MPSA/CSA must not be altered without the approval of ADI Legal (and provided to the Licensing team) and any changes should be made in the SOW (not the MPSA/CSA).

**Before submitting the COF**

1. Black Duck code scan – Check/verify the presence of and identify the types of integrated third party software in your software product by scanning your code with Black Duck. Please reach out to [BlackDuckLicenseAdmin@analog.com](mailto:BlackDuckLicenseAdmin@analog.com) with any Black Duck questions.
   1. Tutorial material is available at: <https://software.analog.com/licensing>.
   2. Getting access: follow *More Information > Code Scanning > Black Duck: ADI Documentation > Getting Started With Black Duck at ADI > Getting Access to Black Duck*.
   3. Note: Some software development languages (such as LabVIEW, MATLAB and Verilog) are not supported by Black Duck.
2. Review and verify the Black Duck-generated Appendix A (listing of third party licenses) with the engineering/business team and address any concerns or false positives. Please check that the third party license agreement applies to the version of software you used and are planning to distribute.
3. Attach and submit with your COF submission the files listed below.
4. the Black Duck-generated Appendix A (Third Party Licenses) in both Word and html form, and
5. the Black Duck-generated COF review file
6. the Black Duck-generated JSON file.
7. Please ensure that Sections 1 & 2 of the COF are completed fully and accurately. If any field is not applicable, please put “None” or “NA”.

**COF certification:**

**- You are responsible to ensure and certify** that the submitted COF is complete and accurate, and that any/all third party components have been identified via the COF process.

**- You are responsible for checking that you can and will comply** with the terms and conditions (T&Cs) of the third party software license agreements associated with any third party IP that has been integrated into and being shipped with your software package.

Note: Many third party licenses may be click-through agreements presented at the time of software download. Please note that by clicking “I agree/accept” you are accepting the terms of the third party agreement on behalf of ADI and you must comply with all of the third party license’s T&Cs.

**SOFTWARE CODE ORIGINS FORM (“COF”)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SECTION 1 - TO BE COMPLETED BY ENGINEERING**  **NOTE: A REVISED FORM MUST BE RE-SUBMITTED ANY TIME A THIRD PARTY DEVELOPMENT SOURCE CHANGES**  **(IF EDITING A PRIOR APPROVED COF, PLEASE BLANK OUT SECTION 3 BELOW AND USE “TRACK CHANGES”)**  **PLEASE SUBMIT COF AT LEAST 4 WEEKS PRIOR TO SOFTWARE RELEASE** | | | | |
| **1. SOFTWARE OR MODULE NAME:** *(Filename should match this name)* | | | **2. ENGINEERING PROJECT/PRODUCT CODE/NUMBER/ID:** *(if any, i.e., optional)* | |
| Ethernet PHY GUI | | | N/A | |
| **3. BRIEF DESCRIPTION OF PRODUCT** *(e.g. what does it do, how will it be used by the customer, etc). Please attach any helpful diagrams/docs in the Notes section following Section 3:* | | | | |
| Desktop PC evaluation (compiled binary) program which an end user installs and runs on their PC and uses it in conjunction with their ADI evaluation board to configure and evaluate ADI silicon products ADIN1300/ADIN1300/1200. | | | | |
| **4. IS THIS A REVISION OF A PREVIOUSLY APPROVED COF?**  *If ‘Yes’, please attach prior approved COF.* ***If ‘No’, please answer question 5.*** | | **5. IS THIS COF SIMILAR TO ANOTHER PREVIOUSLY APPROVED COF?** *If ‘Yes’, please attach prior approved COF(s)* | | |
| No | | Yes | | |
| **6. PROCESSOR/PLATFORM:** | | **7. ANY OPERATING SYSTEM DEPENDENCIES?** | | |
| Other (please specify below)  Windows PC | | Windows | | |
| **8. DEVELOPMENT SITE(S):**  *(e.g., Wilmington, Edinburgh, Bangalore, Cavite, ADA - LIST ALL INVOLVED):* | | **9. ENGINEERING MANAGER or TEAM LEADER NAME:** | | |
| ADGT, Philippines | | Glenn Gallano | | |
| **LIST ALL SOFTWARE / IP SOURCES** (where none, please put ‘none’ or ‘N/A’) | | | | **VERSION:** |
| **10. ADI INTERNALLY DEVELOPED CODE***(Please list each software component):*  *Use this field only if the software component is 100% ADI IP and contains* ***no*** *third party software or intellectual property (IP), i.e.,* ***ADI owns all the IP****. If your product also contains third party software, please list it in the fields below.* | | | | AnalogDevices.Desktop.Harmonic - v2.2.0 |
| Developed based on the ADIN1300 Evaluation GUI and Ethernet PHY Evaluation by internal ADI resources (Glenn Gallano, Johnson Ralph Perez)   * ADIN device control functions * Avalonia GUI implementation   Used the ADI Desktop Harmonics used as a tool for providing premade designs based on Avalonia UI   * AnalogDevices.Desktop.Harmonic | | | |  |
| **11. ADI CONTRACTOR DEVELOPED SOFTWARE***(Please list each software component and contractor name):*  ***Please attach a copy of the related executed agreements*** *(e.g., MPSA/CSA and specific SOW(s)) related to this project. Note: Any changes to the MPSA/CSA should be made in the SOW. Please ensure that all agreements have been countersigned by both parties.* *Please mark as ‘NA’ if this field is not applicable.* | | | |  |
| None | | | |  |
| **12. OPEN SOURCE OR OTHER THIRD PARTY CODE / ALGORITHMS / IP** *(Please list each component):*  *Please also attach the Appendix A (Third Party Licenses) document generated by Black Duck (in Word and html form) as well as any additional Black Duck-generated files listed in* *this COF’s instruction page above.*  *If Copyleft/GPL/LGPL code has been integrated – are you prepared to release source code? Has the third party software been modified or will it be re-distributed as you sourced it (“as is”)? Is the third party software co-mingled or separate/isolated, dynamic or statically linked, etc? Please mark as ‘NA’ if this field is not applicable.* | | | | Avalonia UI - v11.1.4  Avalonia.Desktop - v11.1.4  Avalonia.Diagnostics - v11.1.4  Avalonia.Fonts.Inter - v11.1.4  Avalonia.Themes.Fluent - v11.1.4  FTDI drivers for .Net - v1.2.1  JamesNK/Newtonsoft.Json - v13.0.3  Microsoft.Extensions.Configuration - v8.0.0  Microsoft.Extensions.Configuration.Json - v8.0.1  SciChart - v5.4.0.12119  System.Management - v8.0.0 |
| * Avalonia UI   + Avalonia.Desktop   + Avalonia.Diagnostics   + Avalonia.Fonts.Inter   + Avalonia.Themes.Fluent * FTDI drivers for .Net * JamesNK/Newtonsoft.Json * Microsoft.Extensions.Configuration * Microsoft.Extensions.Configuration.Json * SciChart * System.Management | | | |  |
| **13. ANY INTERNATIONAL STANDARD / SPECIFICATION AND/OR REFERENCE SOFTWARE USED?** | | | |  |
| None | | | |  |
| **14. ANY ASSOCIATED LICENSING BODY / INDUSTRY CONSORTIUM BACKGROUND IP USED?** | | | |  |
| None | | | |  |
| **15. ANY ENCRYPTION, CYPHER OR OTHER EXPORT CONTROLLED TECHNOLOGY?**  *If ‘Yes’, please email* [*ExportComplianceDept@analog.com*](mailto:ExportComplianceDept@analog.com) *to verify that this distribution is okay, and please provide the resulting approval email.* | **16. DOES YOUR SOFTWARE APPLICATION COLLECT ANY PERSONAL / PRIVATE DATA?***Please refer to* [*this link*](https://gdpr.eu/eu-gdpr-personal-data/) *for more info regarding GDPR (General Data Protection Regulation)**.* | | | **17. FORM COMPLETED BY (NAME):**  *By submitting this COF, I confirm that the COF is complete and accurate.* |
| No | No | | | Johnson Ralph Perez |

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| **SECTION 2 - TO BE COMPLETED BY PROJECT/PROGRAM MANAGER**  **PLEASE SUBMIT COF AT LEAST 4 WEEKS PRIOR TO SOFTWARE RELEASE** | |
| **18. YOUR PROPOSED DISTRIBUTION FORM** *(Object code is typical)* | **19. YOUR PROPOSED DISTRIBUTION METHOD:** |
| Object (default)  Compiled executable inside of an installer | Other (please specify below)  Web and secured FTP |
| **20. REQUIRED LICENSE TYPE** *(ELA or SLA?):* *The default (& preferred) license method is a click-thru license (rather than a hand-signed license).* | **21. CUSTOMER’S RE-DISTRIBUTION RIGHTS:**  *Note: Typically only within customer’s products. Delivery of source code implies right to modify by customer. ELA does not allow re-distribution.* |
| SLA - Software License Agreement (customer production use allowed)  Click through SLA | None |
| **22. DO YOU REQUIRE THE CUSTOMER TO REPORT USAGE?**  *Note that this is only applicable to SLAs.* | **23. DO YOU WANT TO CHARGE A FEE FOR THE SOFTWARE?**  *(if ‘Yes’, please indicate if the fee will be addressed in an associated purchase order or if it needs to be addressed in the SLA. If in the SLA, please elaborate on up-front license fee, ongoing royalty or annual support/maintenance fee, etc.)* |
| No | No (i.e. free) |
| **24. BUSINESS UNIT** (*Please use highest level market segment):* | **25. YOUR SOFTWARE PRODUCT’S TARGET RELEASE DATE:**  **Please allow at least 4 weeks for COF to be processed.** |
| Industrial | 25 November 2024 |
| **26. BLACK DUCK CODE SCANNING:** | |
| *Please attach the files generated by Black Duck (as detailed in item 7 of this COF’s instruction page above).*  *Are you happy with the content & accuracy of the Black Duck generated Appendix A (Third Party Licenses)? Yes*  *Have all third party components been identified in this COF and the Appendix A (Third Party Licenses) generated by Black Duck? Yes* | |
| **27. ATTESTATION BY THE SUBMITTER:** | |
| *I confirm that the proposed use and distribution of the software will comply with all applicable third party software licenses identified in the COF/Appendix A.* Yes | |
| **28. PROJECT/PROGRAM MANAGER (PM) NAME:** | **29. COF SUBMISSION DATE:** |
| Glenn Gallano | 5 September 2024 |

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| **SECTION 3 - TO BE COMPLETED BY LICENSING TEAM** | | | | | |
| **LICENSE AGREEMENT APPROVAL BASED ON “COF SUBMISSION” DATE OF:** | | | | Click or tap to enter a date. | |
|  | **CRIPPLED EVALUATION OBJECT CODE** | **EVALUATION OBJECT CODE** | **PRODUCTION OBJECT CODE** | **EVALUATION SOURCE CODE** | **PRODUCTION SOURCE CODE** |
| **OK TO SHIP?**  *(Yes / No / NA / Other)* |  |  |  |  |  |
| **OK TO POST ON ADI WEBSITE?** | Select one. | Select one. | Select one. | Select one. | Select one. |
| **CLICK-THRU OR HAND-SIGNED LICENSE AGREEMENT(S)** | **OBJECT CODE** | **EVALUATION LICENSE AGREEMENT:** | | **SOFTWARE LICENSE AGREEMENT:** | |
|  |  |  | |  | |
|  | **SOURCE CODE** | **EVALUATION LICENSE AGREEMENT:** | | **SOFTWARE LICENSE AGREEMENT:** | |
|  |  |  | |  | |
| **LICENSING TEAM MEMBER NAME:** | | | | **APPROVAL DATE:** | |
| Select one. | | | | Click or tap to enter a date. | |

Please place any optional notes, diagrams / documents, license requirements / restrictions, additional comments, etc, below.