

# ***OPEN** **SUSI-MPW***

OpenSUSI-MPWサービス  
Tapeout の手続き

# GDSIIのTapeout準備

TR-1um\_MPW\_template を利用する

# GitHub template をアクセス

OpenSUSI / TR-1um\_MPW\_template

Public template

Use this template

main 1 Branch 0 Tags

Go to file

Code

About

No description, website, or topics provided.

Readme

Apache-2.0 license

Activity

Custom properties

0 stars

0 watching

1 fork

Audit log

Report repository

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

TR-1um\_MPW\_template

クリック

# 自分の repo に copy する

github.com/new?template\_name=TR-1um\_MPW\_template&template\_owner=OpenSUSI

## Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).  
Required fields are marked with an asterisk (\*).

**Start with a template**  
Templates pre-configure your repository with files. OpenSUSI/TR-1um\_MPW\_template

**Include all branches**  
If enabled, all branches from the template repository will be included. Off

### 1 General

**Owner \*** jun1okamura / **Repository name \***   
✓ TR-1um\_TEST is available.

Great repository names are short and memorable. How about [psychic-train](#)?

**Description**  
  
0 / 350 characters

### 2 Configuration

**Choose visibility \***  
Choose who can see and commit to this repository. Public

### 3 Jumpstart your project with Copilot (optional)

名前

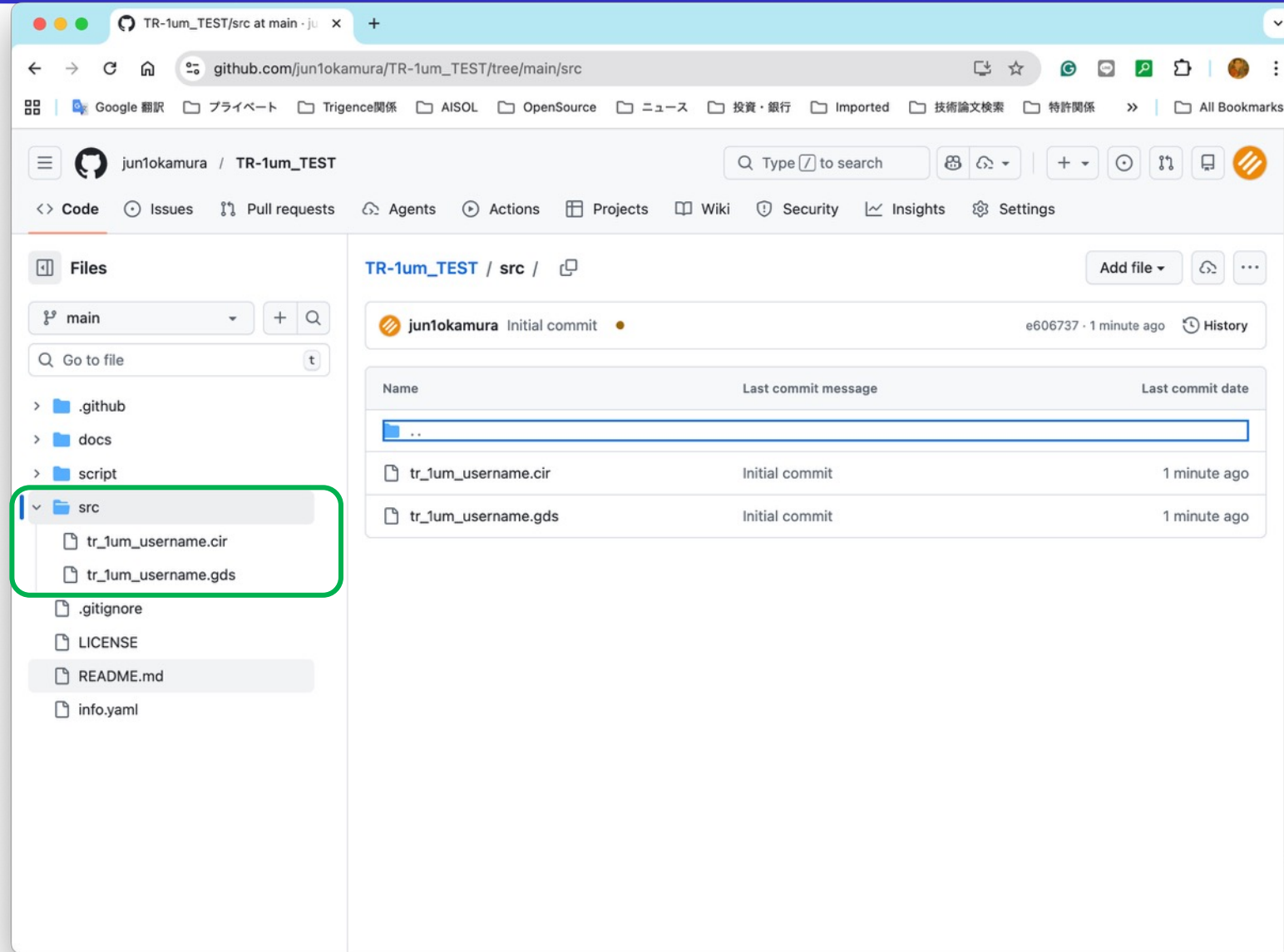
Public

# Info.yaml を編集する

The screenshot shows a web browser displaying the GitHub repository page for `jun1okamura/TR-1um_TEST`. The file `info.yaml` is selected in the left sidebar. The main content area shows the initial commit of `info.yaml` by `jun1okamura`. The file content is as follows:

```
1 # -----
2 # OpenSUSI jun1okamura <jun1okamura@gmail.com>
3 # LICENSE: Apache License Version 2.0, January 2004,
4 #   http://www.apache.org/licenses/
5 # -----
6 # OpenSUSI TR-1um MPW project information
7 #
8 project:
9   title:      ""      # Project title
10  author:     ""      # Your name
11  discord:    ""      # Your discord username, for communication and automatically assigning you a Tapeo
12  description: ""      # One line description of what your project does
13
14 # Your top module name must start with "tr_1um_". Make it unique by including your github username:
15 # GDSII filename must be top_cell + "." + extension and placed in src/ directory.
16 gds:
17   top_cell:   "tr_1um_username"
18   extension:  "gds"
19 # TEST
20 # LVS compare filename must be top_cell + "." + extension and placed in src/ directory.
21 # LVS comparison is optional, you can switch off it by put netlist_only: "true".
22 lvs:
23   extension:  "cir"
24   netlist_only: "false"
25 #
```

# src directory に GDSII と Circuit file をおく



# Action で Precheck/DRC/LVS/MDP を確認

The screenshot shows a GitHub Actions workflow run for 'Initial commit #1' in the repository 'jun1okamura / TR-1um\_TEST'. The workflow is triggered via a push and has a status of 'Success'. The total duration is 1m 57s, and there are 4 artifacts. The workflow steps are Precheck (11s), DRC (34s), LVS (32s), and MDP (31s). The 'Summary' tab is selected, and the 'check.yaml' file is visible, showing the workflow configuration. The 'Annotations' section shows 4 warnings related to deprecated Node.js 20 actions.

Triggered via	Status	Total duration	Artifacts
jun1okamura pushed → e606737 main	Success	1m 57s	4

**check.yaml**  
on: push

Precheck (11s) → DRC (34s) → LVS (32s) → MDP (31s)

**Annotations**  
4 warnings

- Precheck: Node.js 20 actions are deprecated. The following actions are running on Node.js 20 and may not work as exp... [Show more](#)
- DRC: Node.js 20 actions are deprecated. The following actions are running on Node.js 20 and may not work as exp... [Show more](#)

このURLを保存しておく

GDSII の Tapeout 準備完了

# GDSIIのTapeout準備

OpenSUSI HP にてシャトルサービスを購入する

- 大学・企業等からご注文の場合は、発注書を受け取り後に Submit用 URL を発行します。
- 個人からのご注文の場合は、発注書受け取り後に請求書を発行しますので、ご入金確認後に Submit用 URLを発行します。

MPW | OpenSUSI

opensusi.org/mpw

Google 翻訳 プライベート Trigence関係 AISOL OpenSource ニュース 投資・銀行 All Bookmarks

**OPEN SUSI** About Service Events Contact

## OpenSUSI-MPW SERVICE Selection

本ページはMPW申込み受付です。申込後に「見積書」がEmailにて自動発送されます。  
「注文書」を受け取り後、GDSIIデータ出稿サイトがEmailで案内されるまではシャトル枠は確保されません。  
GDSIIデータ出稿は、締切日まで何度でもデータ出稿サイトから出稿可能です。

SUPPORTER LOGO AREA

USER AREA

Product Name	Status	Price per order (w/o TAX)	GDSII TO Deadline
TR-1um MPW DryRun 2026	On Sale	¥200,000	2026/10/31
TR-1um MPW 2026	Coming Soon	¥200,000	2026/10/31
TR-1um MPW 2027	Coming Soon	¥200,000	2027/10/31

クリック

MPW-Application | OpenSUSI

opensusi.org/mpw-application?se...

Google 翻訳 プライベート Trigence関係 AISOL OpenSource ニュース 投資・銀行 All Bookmarks

**OPEN SUSI** About Service Events Contact

### OpenSUSI-MPW SERVICE Application

#### TR-1um MPW DryRun 2026

TR-1um Shuttle Service  
Die area : 2.5x2.5mm<sup>2</sup>  
User area : 1.8x1.8mm<sup>2</sup>  
16pin DIP x 5pcs

PKG Option  
 PKG 5pcs (+¥0)  
 PKG 10pcs (+¥20,000)  
 PKG 20pcs (+¥60,000)

Number of MPW services  
1

Available MPW services  
53

GDSII TO Deadline  
2026/10/30

Total Price (w/o TAX)  
¥200,000

Customer \* Required input

Last Name\* 姓  
First Name\* 名  
Email\* email\_address@hogehoge.jp

Shipping (日本限定)

Last Name\* 姓  
First Name\* 名  
Postal code\* 〒  
Prefecture\* 都道府県  
City\* 市町村  
Address 1\* 丁目・番地  
Address 2 棟・部屋番号

利用規約  合意します。

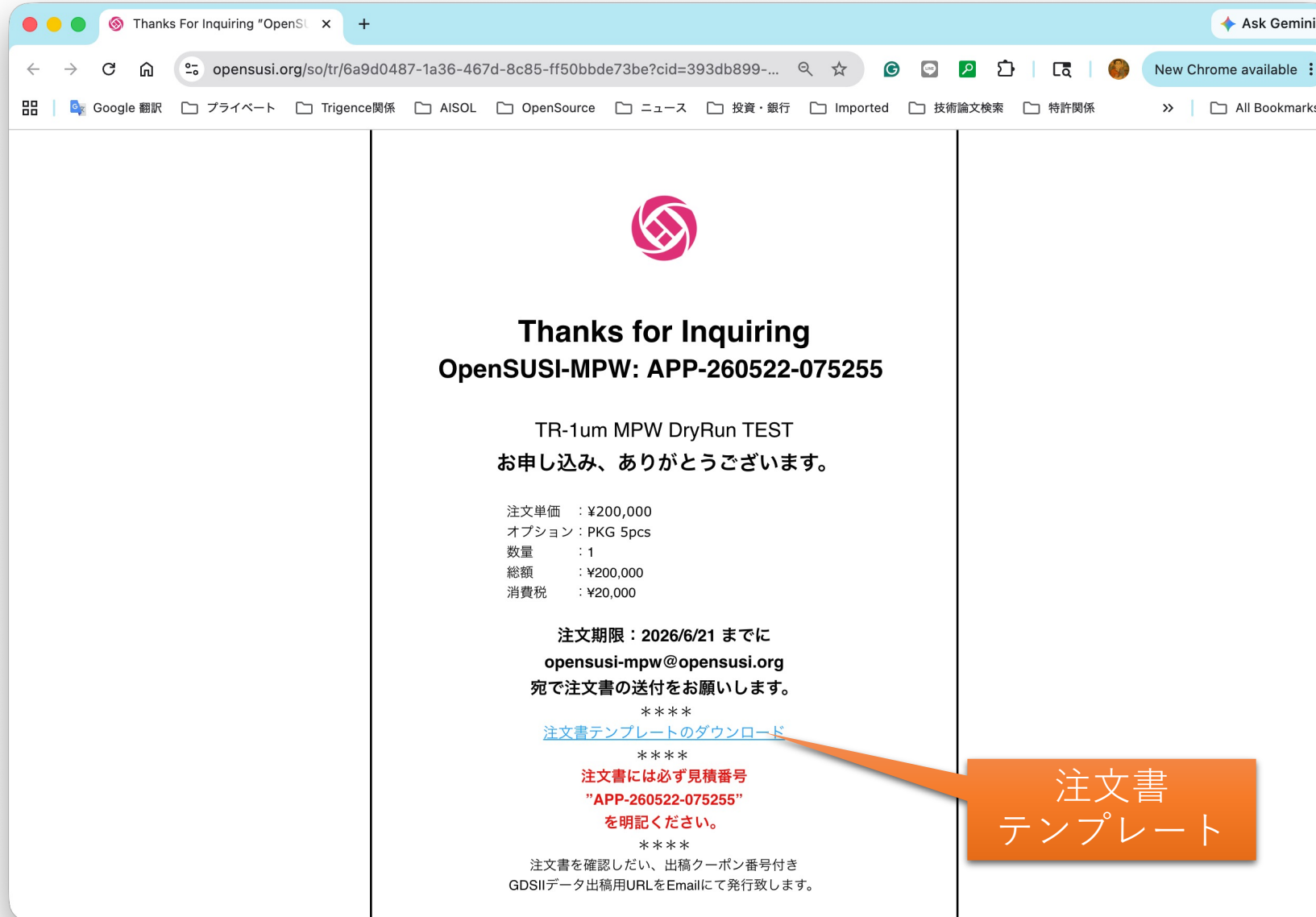
Submit >

フォームを  
入力

利用規約を  
確認

Submit


# 見積りメールが届きます



Thanks For Inquiring "OpenSUSI" x +

opensusi.org/so/tr/6a9d0487-1a36-467d-8c85-ff50bbde73be?cid=393db899-...

Google 翻訳 プライベート Trigence関係 AISOL OpenSource ニュース 投資・銀行 Imported 技術論文検索 特許関係 All Bookmarks



**Thanks for Inquiring**  
**OpenSUSI-MPW: APP-260522-075255**

TR-1um MPW DryRun TEST  
お申し込み、ありがとうございます。

注文単価 : ¥200,000  
オプション : PKG 5pcs  
数量 : 1  
総額 : ¥200,000  
消費税 : ¥20,000

注文期限 : 2026/6/21 までに  
**opensusi-mpw@opensusi.org**  
宛で注文書の送付をお願いします。

\*\*\*\*  
[注文書テンプレートのダウンロード](#)  
\*\*\*\*

注文書には必ず見積番号  
"APP-260522-075255"  
を明記ください。  
\*\*\*\*

注文書を確認しだい、出稿クーポン番号付き  
GDSIIデータ出稿用URLをEmailにて発行致します。

注文書  
テンプレート

# 注文書テンプレート

## OpenSUSI-MPW 発注書

一般社団法人 OpenSUSI 御中  
105-0003  
東京都港区西新橋 1-1-1 10F WeWork  
E-mail:opensusi-mpw@opensusi.org

発行日  
発注番号  
会社名  
住所  
TEL  
担当  
E-mail

見積番号	
注文単価	
オプション	
数量	
総額	
消費税	

\* 振り込み手数料は、ご負担をお願いします。

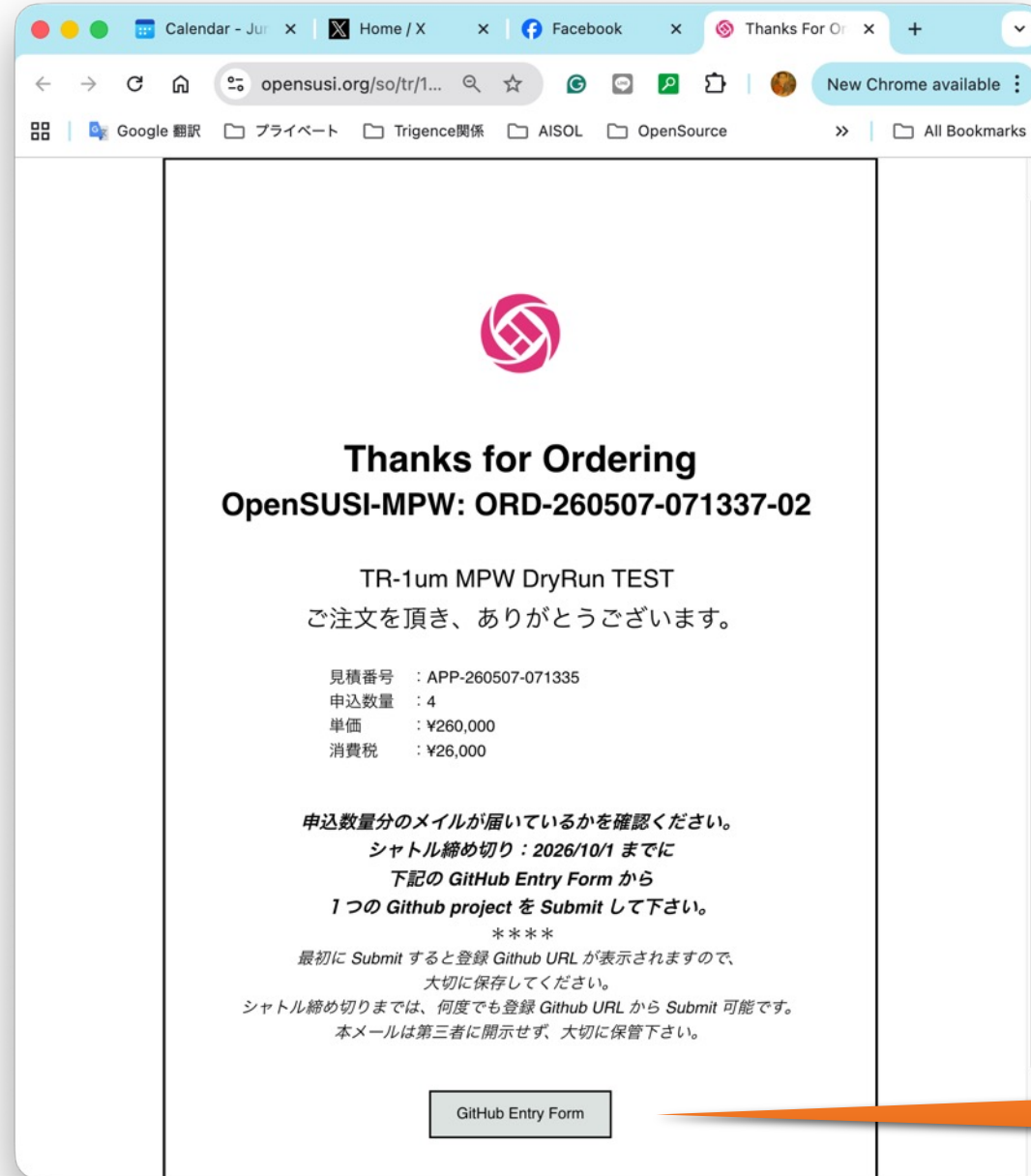
署名・押印

上記の通り発注致します。  
日付 発注者 署名または押印

見積もり  
番号を忘れずに

E-mail: [opensusi-mpw@opensusi.org](mailto:opensusi-mpw@opensusi.org) まで送付

# 注文確認メール



GDSII Submit  
URL のリンク

# GitHub Entry form

The screenshot shows a web browser window displaying the 'GitHub Entry Form' on the OpenSUSI website. The form is titled 'GitHub Entry Form' and contains the following fields: 'txtServiceName', 'txtOrderId', and 'txtDeadline'. Below these fields, there is a text prompt: 'GDSII\_MDP を生成した GitHub Actions の実行成功時の URL をコピーしてください。 Copy and Paste the URL of a successful GitHub Actions run that produced GDSII\_MDP.' This is followed by a label 'URL' and a text input field containing the URL 'https://github.com/<owner>/<repo>/actions/runs/<runId>'. A 'Submit' button is located below the input field. Below the button, the text 'Order is not active.' is displayed. At the bottom of the form, there is a list of notes in Japanese. The footer of the page includes 'ABOUT US >', 'LINKEDIN', 'X/Twitter', 'CONTACT >', 'TERMS & CONDITIONS', 'COMMERCIAL DISCLOSURE', 'PRIVACY POLICY', 'BS/PL (2024)', 'ARTICLE', and '© 2025 by OpenSUSI. Powered and secured by Wix.'

GitHub  
リンクをコピー

締め切りまで、何度でも URL から Submit 可能です。

The screenshot shows a web browser displaying the GitHub repository page for `OpenSUSI_MPW_TR2026`. The browser's address bar shows the URL `github.com/OpenSUSI/OpenSUSI_MPW_TR2026/tree/main/users/jun1okamura`. The repository's navigation bar includes links for Code, Issues, Pull requests, Agents, Actions, Projects, Security, Insights, and Settings. The left sidebar shows the file structure, with the `jun1okamura` directory selected. The main content area displays a commit by `opensusi-bot` with the message "Import jun1okamura from run 23281788438". Below the commit message is a table of files:

Name	Last commit message	Last commit date
..		
GDSII_MDP.gds	Import jun1okamura from run 23281788438	1 minute ago
manifest.json	Import jun1okamura from run 23281788438	1 minute ago

OpenSUSI\_MPW\_TR2026 に Tapeout されていれば終了

OpenSUSI\_MPW\_TR2026

OpenSUSI TR-1um MPW Project

MPW Layout Overview

Below is the current user layout of the MPW shuttle.

Interactive Layout (SVG)

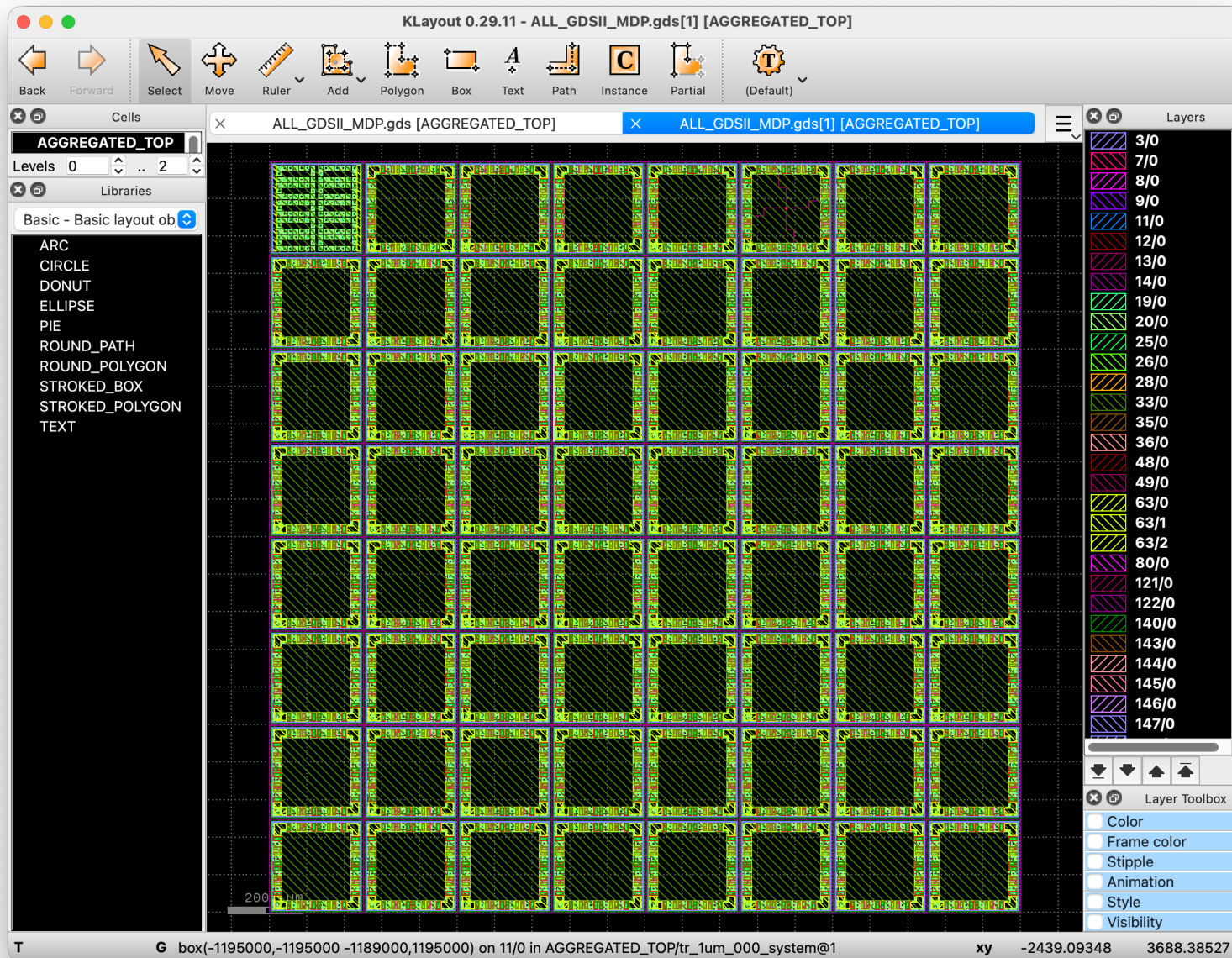
Click each tile to open the corresponding GDSII file.

OpenSUSI MPW Users Layout

	0	1	2	3	4	5	6	7
0	TEG r_tum_000_system_tag Run - Tile (0,0)	Nakabuchi-Kaito r_tum_nakabochi Run: 2334502192 Tile (1,0)	OpenSUSI r_tum_OpenSUSI Run: 2334502192 Tile (2,0)	TAKE-HooJoo r_tum_takehojo Run: 2334502192 Tile (3,0)	jun1okamura r_tum_jun1okamura Run: 2334502192 Tile (4,0)	noritsuna r_tum_noritsuna Run: 2334502192 Tile (5,0)	EMPTY r_tum_000_system Run - Tile (6,0)	EMPTY r_tum_000_system Run - Tile (7,0)
1	EMPTY r_tum_000_system Run - Tile (0,1)	EMPTY r_tum_000_system Run - Tile (1,1)	EMPTY r_tum_000_system Run - Tile (2,1)	EMPTY r_tum_000_system Run - Tile (3,1)	jun1okamura r_tum_jun1okamura Run - Tile (4,1)	EMPTY r_tum_000_system Run - Tile (5,1)	EMPTY r_tum_000_system Run - Tile (6,1)	EMPTY r_tum_000_system Run - Tile (7,1)
2	EMPTY r_tum_000_system Run - Tile (0,2)	EMPTY r_tum_000_system Run - Tile (1,2)	EMPTY r_tum_000_system Run - Tile (2,2)	EMPTY r_tum_000_system Run - Tile (3,2)	EMPTY r_tum_000_system Run - Tile (4,2)	EMPTY r_tum_000_system Run - Tile (5,2)	EMPTY r_tum_000_system Run - Tile (6,2)	EMPTY r_tum_000_system Run - Tile (7,2)
3	EMPTY r_tum_000_system Run - Tile (0,3)	EMPTY r_tum_000_system Run - Tile (1,3)	EMPTY r_tum_000_system Run - Tile (2,3)	EMPTY r_tum_000_system Run - Tile (3,3)	EMPTY r_tum_000_system Run - Tile (4,3)	EMPTY r_tum_000_system Run - Tile (5,3)	EMPTY r_tum_000_system Run - Tile (6,3)	EMPTY r_tum_000_system Run - Tile (7,3)
4	EMPTY r_tum_000_system Run - Tile (0,4)	EMPTY r_tum_000_system Run - Tile (1,4)	EMPTY r_tum_000_system Run - Tile (2,4)	EMPTY r_tum_000_system Run - Tile (3,4)	EMPTY r_tum_000_system Run - Tile (4,4)	EMPTY r_tum_000_system Run - Tile (5,4)	EMPTY r_tum_000_system Run - Tile (6,4)	EMPTY r_tum_000_system Run - Tile (7,4)
5	EMPTY r_tum_000_system Run - Tile (0,5)	EMPTY r_tum_000_system Run - Tile (1,5)	EMPTY r_tum_000_system Run - Tile (2,5)	EMPTY r_tum_000_system Run - Tile (3,5)	EMPTY r_tum_000_system Run - Tile (4,5)	EMPTY r_tum_000_system Run - Tile (5,5)	EMPTY r_tum_000_system Run - Tile (6,5)	EMPTY r_tum_000_system Run - Tile (7,5)
6	EMPTY r_tum_000_system Run - Tile (0,6)	EMPTY r_tum_000_system Run - Tile (1,6)	EMPTY r_tum_000_system Run - Tile (2,6)	EMPTY r_tum_000_system Run - Tile (3,6)	EMPTY r_tum_000_system Run - Tile (4,6)	EMPTY r_tum_000_system Run - Tile (5,6)	EMPTY r_tum_000_system Run - Tile (6,6)	EMPTY r_tum_000_system Run - Tile (7,6)
7	EMPTY r_tum_000_system Run - Tile (0,7)	EMPTY r_tum_000_system Run - Tile (1,7)	EMPTY r_tum_000_system Run - Tile (2,7)	EMPTY r_tum_000_system Run - Tile (3,7)	EMPTY r_tum_000_system Run - Tile (4,7)	EMPTY r_tum_000_system Run - Tile (5,7)	EMPTY r_tum_000_system Run - Tile (6,7)	EMPTY r_tum_000_system Run - Tile (7,7)

[https://github.com/OpenSUSI/OpenSUSI\\_MPW\\_TR2026/blob/main/USERS.svg](https://github.com/OpenSUSI/OpenSUSI_MPW_TR2026/blob/main/USERS.svg)

レチクルの配置位置を確認。



自動配置された最終TO用のGDSII