

# Production Status

RIKEN/RBRC

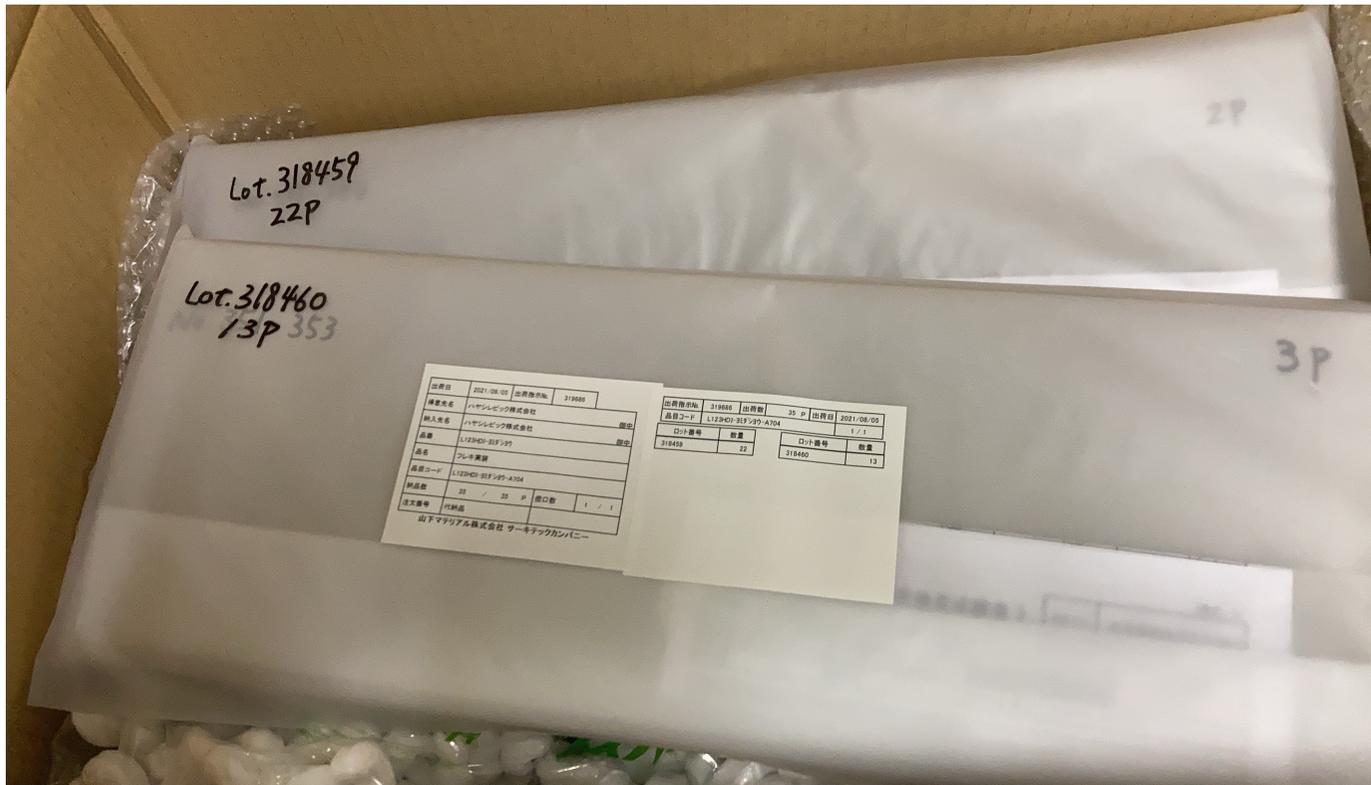
Itaru Nakagawa

# HDI 3<sup>rd</sup> Batch Production

| Delivery Day | Batch         | Order #    | LOT #      | Quantity | HDI Serial No. |     | Incremented Quantity | Inspection | Result | Shipped to Taiwan   |
|--------------|---------------|------------|------------|----------|----------------|-----|----------------------|------------|--------|---|
| 2019/1/23    | Preproduction | 349670     | 302382     | 6        |                |     |                      |            |        |   |
| 2019/2/6     |               | 349670     | 302725     | 4        |                |     |                      |            |        |   |
| 2019/9/11    |               | 350963     | 306716     | 20       |                |     |                      |            |        |   |
| 2019/11/20   |               | Exchanged  | 307469     | 1        |                |     |                      |            |        |   |
| 2020/4/2     | Batch-1A      | 352075     | 310184     | 9        | 1              | 9   | 9                    |            |        |   |
| 2020/4/2     |               | 352075     | 310185_1   | 7        | 10             | 16  | 16                   |            |        |   |
| 2020/4/2     |               | 352075     | 310185_2   | 13       | 17             | 29  | 29                   |            |        |   |
| 2020/4/2     |               | 352075     | 310186     | 29       | 30             | 59  | 59                   | 50         | Good?  |   |
| 2020/4/28    | Batch-1B      | 352075     | 310188     | 17       | 60             | 76  | 76                   | 70         | bad    |   |
| 2020/4/28    |               | 352075     | 310189     | 24       | 77             | 100 | 100                  | 80, 94     | bad    |   |
| 2020/6/8     |               | 352075     | 311139     | 2        | 101            | 102 | 102                  |            |        |   |
| 2020/6/8     |               | 352075     | 311587_1   | 7        | 103            | 109 | 109                  | 105        |        | 6   |
| 2020/6/17    |               | 352075     | 311587_2   | 2        | 110            | 111 | 111                  |            |        |   |
| 2020/6/17    |               | 352075     | 311614     | 15       | 112            | 126 | 126                  | 122        |        | 14  |
| 2020/6/24    |               | 352075     | 311615     | 21       | 127            | 147 | 147                  | 127        |        | 20  |
| 2020/7/9     | Batch-1A      | 352075     | 312095     | 20       | 148            | 167 | 167                  | -160       |        |   |
| 2020/7/9     |               | 352075     | 312096_1   | 6        | 168            | 173 | 173                  |            |        |   |
| 2020/7/21    |               | 352075     | 312096_2_1 | 7        | 174            | 180 | 180                  |            |        |   |
| 2020/7/28    | Exchanged     | 312096_2_2 | 1          | 24       | 24             | 180 |                      |            |        |   |
| 2020/9/28    | Batch-2       | 353110     | 312532     | 20       | 181            | 200 | 200                  |            |        |  |
| 2020/9/28    |               | 353110     | 312533     | 16       | 201            | 216 | 216                  |            |        |   |
| 2020/9/29    |               | 353110     | 312534     | 7        | 217            | 223 | 223                  | -220       |        |   |
| 2020/9/29    |               | 353110     | 312535     | 14       | 224            | 237 | 237                  |            |        |   |
| 2020/9/29    |               | 353110     | 312536     | 7        | 238            | 244 | 244                  |            |        |   |
| 2020/10/27   |               | 353110     | 313304     | 24       | 245            | 268 | 268                  | 265        |        | 3   |
| 2020/11/27   |               | 353110     | 313673     | 2        | 269            | 270 | 270                  |            |        | 2   |
| 2021/6/28    | Batch-3       |            | 317333_2_2 | 11       | 271            | 281 | 281                  |            |        |   |
| 2021/7/5     |               |            | 317338     | 14       | 282            | 295 | 295                  |            |        |   |
| 2021/7/19    |               |            | 317341     | 23       | 296            | 319 | 319                  |            |        |   |
| 2021/8/6     |               |            | 318459     | 22       | 319            | 340 | 342                  |            |        |   |
| 2021/8/6     |               |            | 31860      | 13       | 341            | 353 | 353                  |            |        |   |

- 23 HDI's were shipped to BNL on Aug. 4<sup>th</sup> together with batch-3 staves and delivered on Aug.9<sup>th</sup>.
- 32 HDIs were delivered in Aug.6<sup>th</sup>.
- We have ~83 out of 100 HDI's to be produced as batch-3,
- Yamashita will stop the production by 100 batch-3 HDIs.
- Based on the agreement in May, they will produce more upon necessity if we find bad HDIs and number of HDIs becomes short.

# Batch-3 HDIs



- The plan is that these 32 HDIs to be shipped to Taiwan within two weeks.

backup

# HDI Production

|         | Quantity | Bad HDI | Good HDI |
|---------|----------|---------|----------|
| Batch-1 | 182      | 70      | 112      |
| Batch-2 | 90       |         | 90       |
| Batch-3 | 100*     |         | 100      |
| Total   | 372      |         | 302      |

\*To be delivered by 2021/08/6

- Productions were completed by the end of JFY2020, but found a few HDI's from particular LOT in batch-1 have fragile through-hole plating.
- Final batch-3 production (100 HDIs) is ongoing to compensate defected production HDIs.
- Half of 100 are done. HDI production is almost completed 08/2021.

