

Pin association of next page die photo exactly reflects the die position mounted on the island of the base ribbon.

| 12 1d | 25 2d | 38 3d | 514 d | 64 5d | 77 6d | 907 d | 103 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 1c | 242 c | 373 c | 504 c | 63 5c | 76 6c | 897 c | 1028 |
| 10 1b | 23 2b | 363 b | 49 4b | 62 5b | 75 6b | 887 b | 1018 |
| 9 | 22 | 35 3a | 48 | 615 a | 74 6a | 87 | 100 |
| 819 | 2129 | 3439 | 4749 | 6059 | 7369 | 86 |  |
| 718 | 2028 | 3338 | 4648 | 5958 | 7268 | 85 |  |
| 6 | 19 | 3237 | 45 | 5857 | 7167 | 84 |  |
| 516 | 18 | 3136 | 44 | 57 | 70 | 83 |  |
| 4 | 1725 | 3035 | 4345 | 5655 | 6965 | 82 |  |
| 3 | 162 | 2934 | 42 | 5554 | 68 | 81 |  |
| 21 | 15 | 2833 | 41 | 5453 | 6763 | 80 |  |
| 1 | 1422 | 2732 | 4042 | 5352 | 6662 | 79 | 928 |
| 011 | 1321 | 2631 | 3941 | 5251 | 6561 | 7871 | 9181 |
| Hugin Stack\# vs. Coordinate <br> ( 18 MP x $104(8 \times 13)$ Sectional Photos) |  |  |  |  |  |  |  |

## Micrograph Library

I am introducing total 25 die micrographs I made.
When zooming die micrograph using a smart phone or tablet, you possibly experience limited maximum available zoom factor (up to $2 x$ ), slow zooming speed, and sometimes freeze because of the factors such as slow CPU, insufficient main memory capacity, and simplified PDF viewer installed.

I recommend using a desk-top PC with large monitor TV (40"), fast CPU (i7), big capacity of main memory ( $32 / 16 \mathrm{~GB}$ ), and fast GPU ( 8 GB ) if possible.

\{\}; Architectural design by
<>; Architectural \& Logic design by


