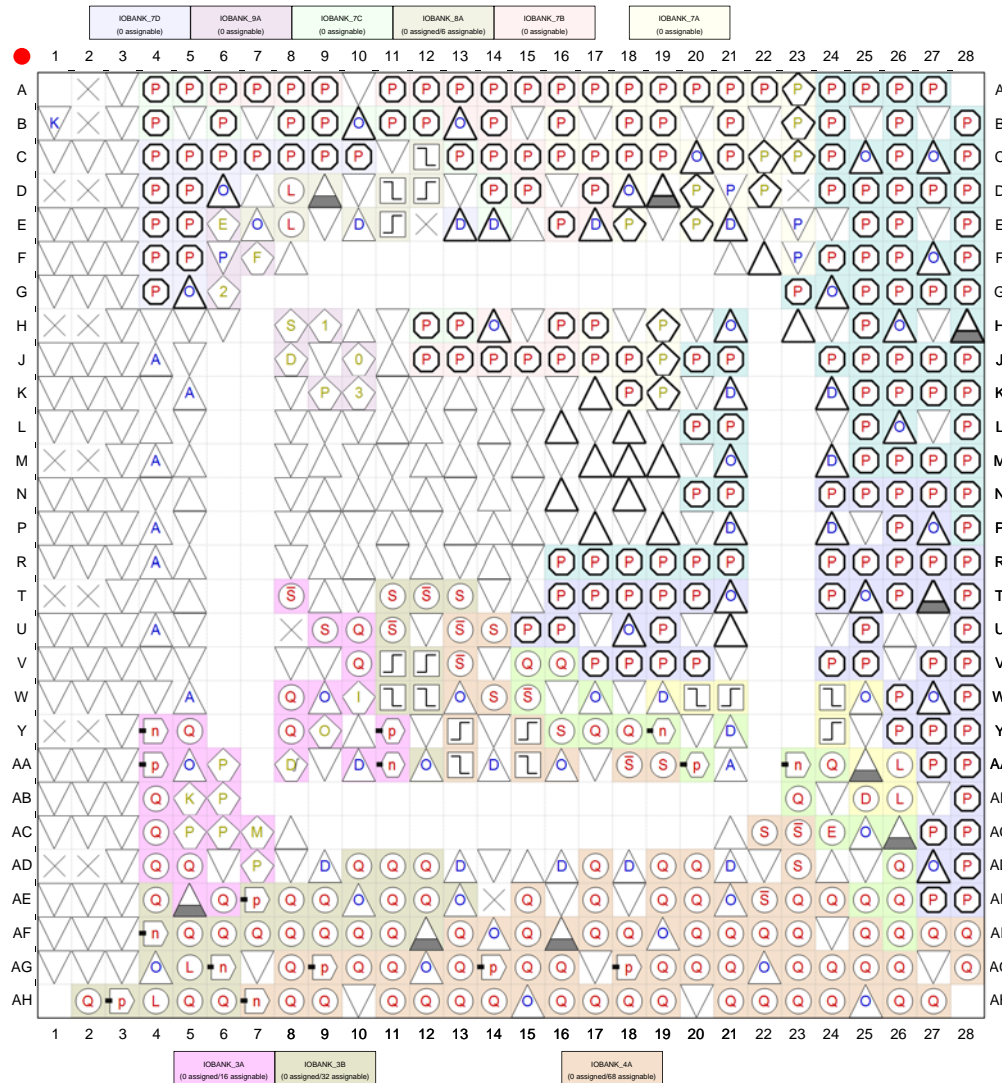


Top View - Wire Bond

Cyclone V - 5CSEBA6U23I7



Legend:

- | | | | |
|--|---------------------|--|---------------------------|
| | User I/O | | User assigned I/O |
| | Filter assigned I/O | | Unbonded pad |
| | Reserved pin | | DEV_OE |
| | DIFF_n | | DIFF_p |
| | DIFF_n output | | DIFF_p output |
| | DQ | | DQS |
| | DQSB | | Hard processor system pir |
| | CLK_n | | CLK_p |
| | Other PLL | | Other dual purpose |
| | MSEL0 | | MSEL1 |
| | MSEL2 | | MSEL3 |
| | CONF_DONE | | DCLK |
| | nCE | | nCONFIG |
| | TDI | | TCK |
| | TMS | | TDO |
| | nSTATUS | | Other dedicated programm |
| | VREF | | VCCP/VCCR/VCC |
| | VCCA | | VCCIO |
| | VCCPD | | GND |
| | GND for programming | | RREF |
| | No connect | | |