***MIST1032ISA FIFO Generate Manual***

***for Altera***

# Start

It’s necessary to make project for “Altera Quartus II”. And click menu to Tools -> MegaWizard Plug-in Manager.

# Make FIFO Primitive block

It’s example for this settings. You need setting for source code information.

|  |  |
| --- | --- |
| Synchronous/Asynchronous | Synchronous |
| FIFO - Type | Show ahead |
| Input width | 32 |
| Output width | 32 |
| Depth | 32 |
| Count | Enable |
| Full-Flag | Enable |
| Empty-Flag | Enable |
| Almost Full-Flag | Enable over 30 |
| Almost Empty-Flag | Enable under 2 |
| Reset | Asynchronous / Synchronous |

|  |  |
| --- | --- |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000000.BMP | Select Category : Memory Compiler |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000001.BMP |  |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000002.BMP |  |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000004.BMPC:\Users\takahiro\Dropbox\odcp\block-fifo\WS000005.BMP |  |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000006.BMP |  |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000008.BMP |  |
| C:\Users\takahiro\Dropbox\odcp\block-fifo\WS000009.BMP |  |