

How to Get HGS debug counters from pcode

**Get xtensa files to your pythonSV dir**

* Go to [\\amr\ec\proj\sv\Debug\PowerOn\MTL\MTL\_P68\_A0\Pcode\_Dcode\pcode-mtl-mp-a0\release\_candidates\v100.8022.ff02.0](file:///\\amr\ec\proj\sv\Debug\PowerOn\MTL\MTL_P68_A0\Pcode_Dcode\pcode-mtl-mp-a0\release_candidates\v100.8022.ff02.0) ( corresponding version number of your pcode)
* go to pcode-mtl-mp-a0\_collateral folder  (choose your stepping number)
* copy the pcuram\_######.zip
* to your host location: C:\pythonsv\meteorlake\debug\domains\pm\socn\a0\xtensa\_variables
* go to few folders down and copy the file to a1 and a2 folder
* do the same for compute
* [\\amr\ec\proj\sv\Debug\PowerOn\MTL\MTL\_P68\_A0\Pcode\_Dcode\dcode-mtl-mp-b0\release\_candidates\v8101.8015.ff02.0](file:///\\amr\ec\proj\sv\Debug\PowerOn\MTL\MTL_P68_A0\Pcode_Dcode\dcode-mtl-mp-b0\release_candidates\v8101.8015.ff02.0) ( corresponding version number of your dcode)
* copy the dmu ram .zip into the r0 compute folder C:\pythonsv\meteorlake\debug\domains\pm\compute0\r0\xtensa\_variables

**Load xtensa variables to your pythonSV**

* from toolext import xtensa
* xtensa.punit.reload\_variables(########### FW version ############)
* xtensa.punit.reload\_variables(0x0101001407098014) [ example command…. choose your version number]

**Get debug counters**

* soc.north.pcuram.showsearch("hgs.\*counter")

**Applicable platforms:**

*MTL platforms*