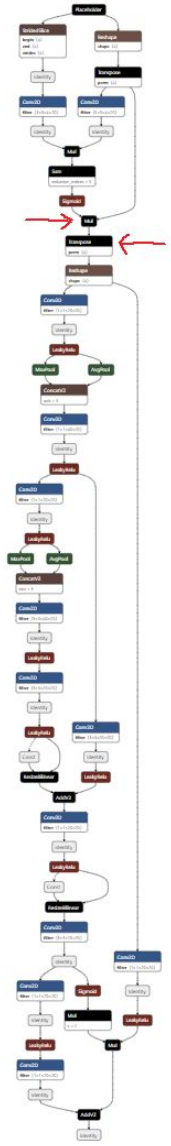

Convert and Quantize:

```
MODEL=mcv3.1.1.1-tsa-only.pb
INPUT=self
OUTPUT=Identity

snpe-tensorflow-to-dlc --input_network $MODEL --input_dim $INPUT "1,256,256,20" --out_node $OUTPUT --output_path test.dlc
--show_unconsumed_nodes
snpe-dlc-quantize --input_dlc test.dlc --input_list=patchlist.txt --output_dlc test_q.dlc --verbose --act_bitwidth=16
--enable_htp
```

Quantize stage produce an error:

```
/local/mnt/workspace/mlg_user_admin/docker.ci.tmp_htp/build/x86_64-linux-clang/SecondParty/QNN/src/qnn-htp-emu/DSP/HTP/src/
hexagon/src/graph_spillfill.cc:799:ERROR:A single op: q::SlicePad_shape_inplace.tcm (0x1e) requires 0x1400800 bytes of TCM,
which is greater than the TCM size of 0x400000!
```

Ok, let's try to skip Slice operator:

```
INPUT=functional_3/tf_op_layer_Mul_1/Mul_1

snpe-tensorflow-to-dlc --input_network $MODEL --input_dim $INPUT "5,256,256,4" --out_node $OUTPUT --output_path test.dlc
--show_unconsumed_nodes
snpe-dlc-quantize --input_dlc test.dlc --input_list=patchlist.txt --output_dlc test_q.dlc --verbose --act_bitwidth=16
--enable_htp
```

New error:

```
local/mnt/workspace/mlg_user_admin/docker.ci.tmp_htp/build/x86_64-linux-clang/SecondParty/QNN/src/qnn-htp-emu/DSP/HTP/src/h
exagon/src/graph_spillfill.cc:799:ERROR:A single op: q::Transpose_impl (0x11) requires 0x500000 bytes of TCM, which is
greater than the TCM size of 0x400000!
```

Let's skip Transpose operator:

```
INPUT=functional_3/tf_op_layer_Transpose_1/Transpose_1

snpe-tensorflow-to-dlc --input_network $MODEL --input_dim $INPUT "256,256,5,4" --out_node $OUTPUT --output_path test.dlc
--show_unconsumed_nodes
snpe-dlc-quantize --input_dlc test.dlc --input_list=patchlist.txt --output_dlc test_q.dlc --verbose --act_bitwidth=16
--enable_htp
```

Succesfully quntized

Transpose required 5MB of VTCM.
Tensor size is 256x256x20xsizeof(uint16)
Looks like the source and destination tensors both wants to be placed into VTCM

But Slice required more than 20MB of VTCM
I have no idea what’s the reason for this.