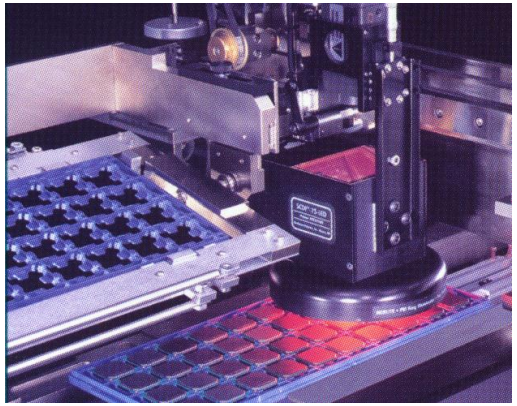
MICROSCAN

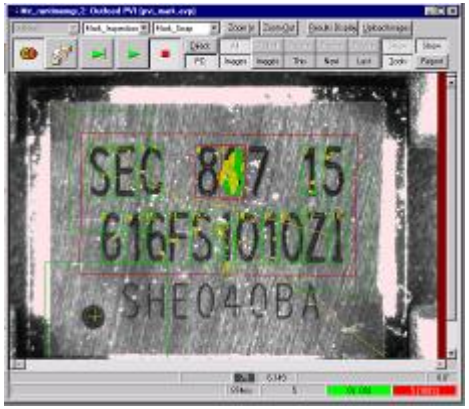
Precision Data Acquisition
and Control Solutions

Visionscape®

Training and running a simple mark inspection application using Visionscape software

Agenda



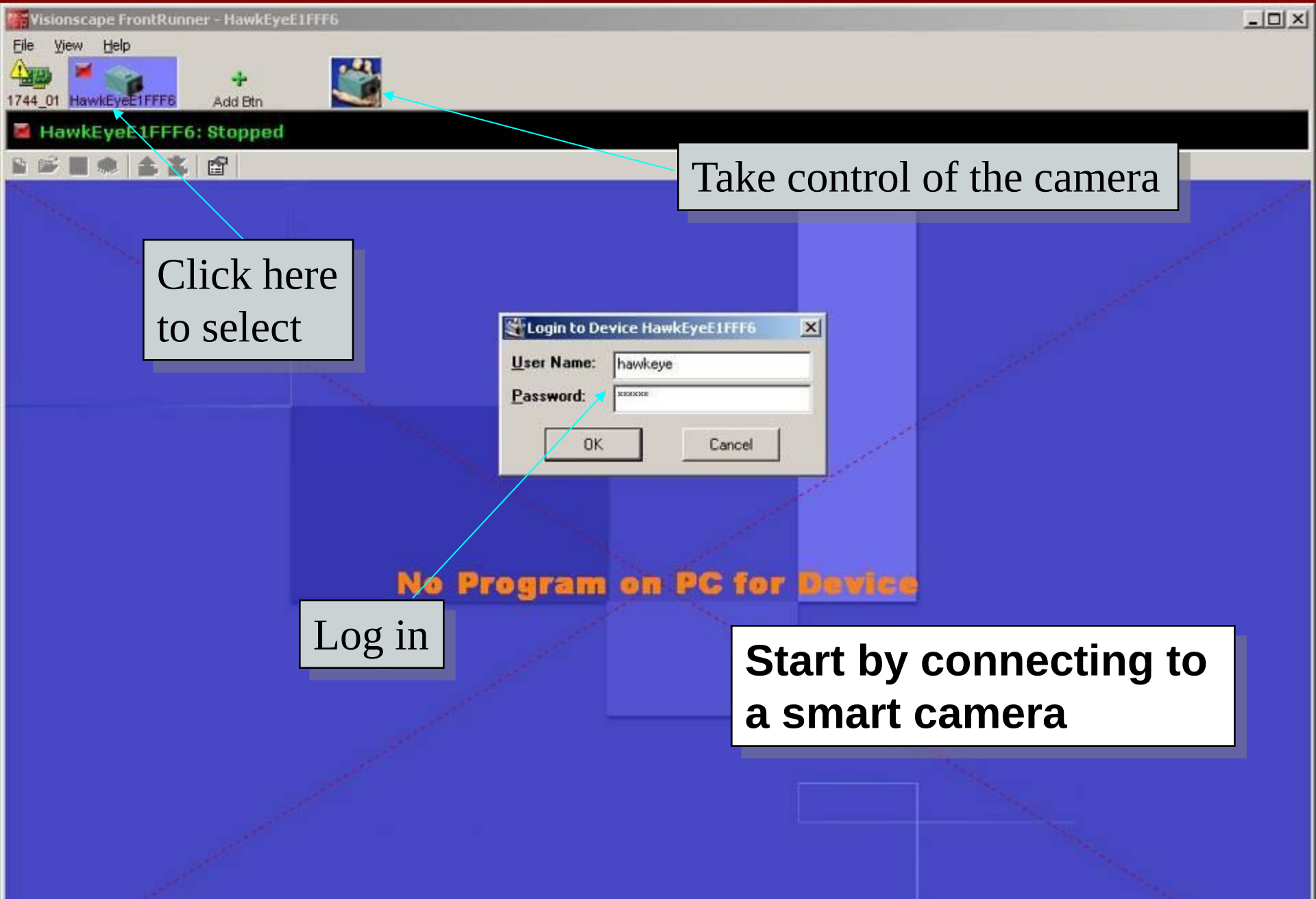


1. *Checking the mark quality on a laser marked component*
2. *Using the Visionscape OCV (Optical Character Verification) Fontless tool*
3. *Download and run the new job*
4. *Viewing the generated program*
5. *Customizing results for display*
6. *Using saved images*

STEP 1: Checking mark quality

Double-click and open the Visionscape FrontRunner application

STEP 1: Checking mark quality



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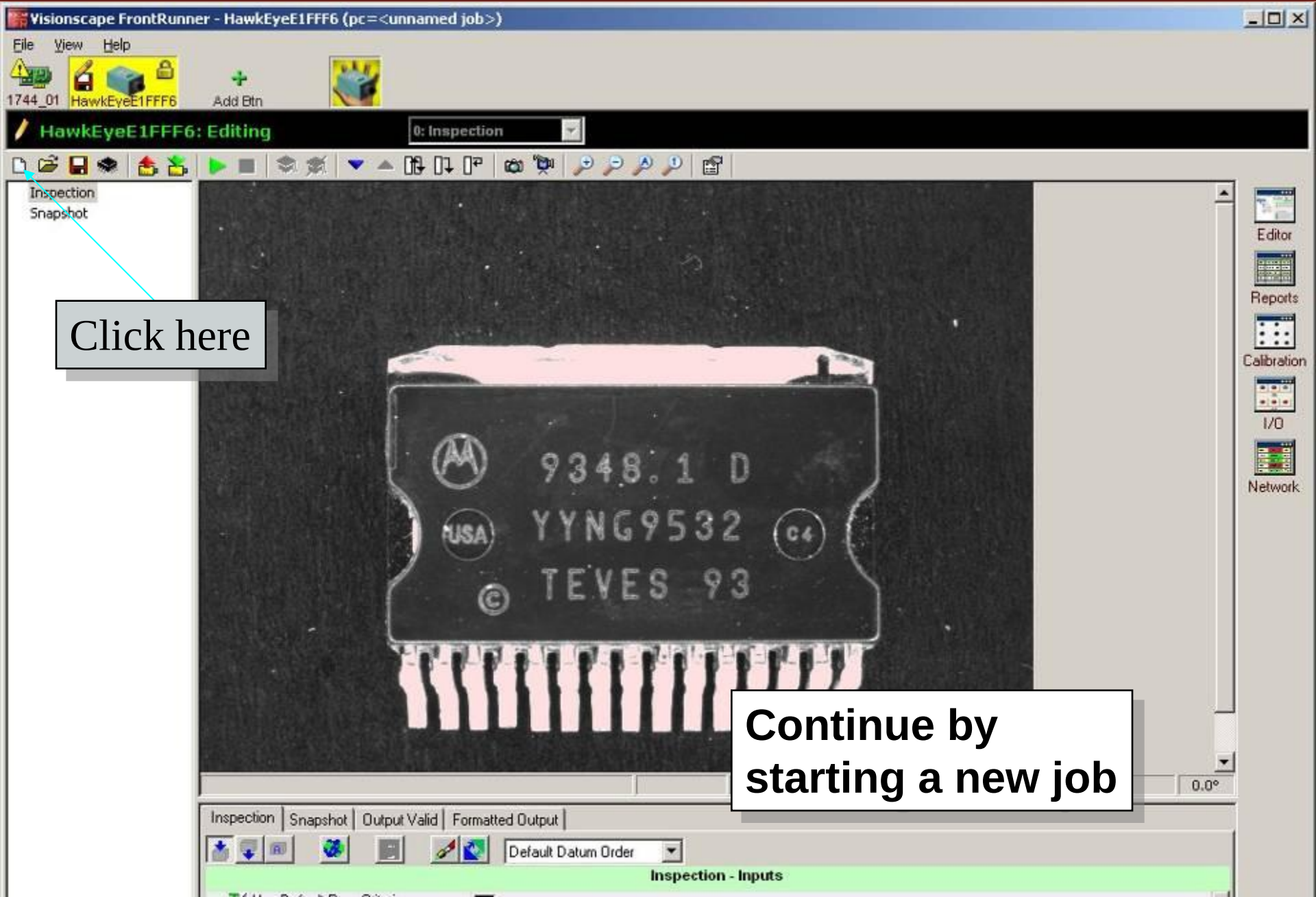

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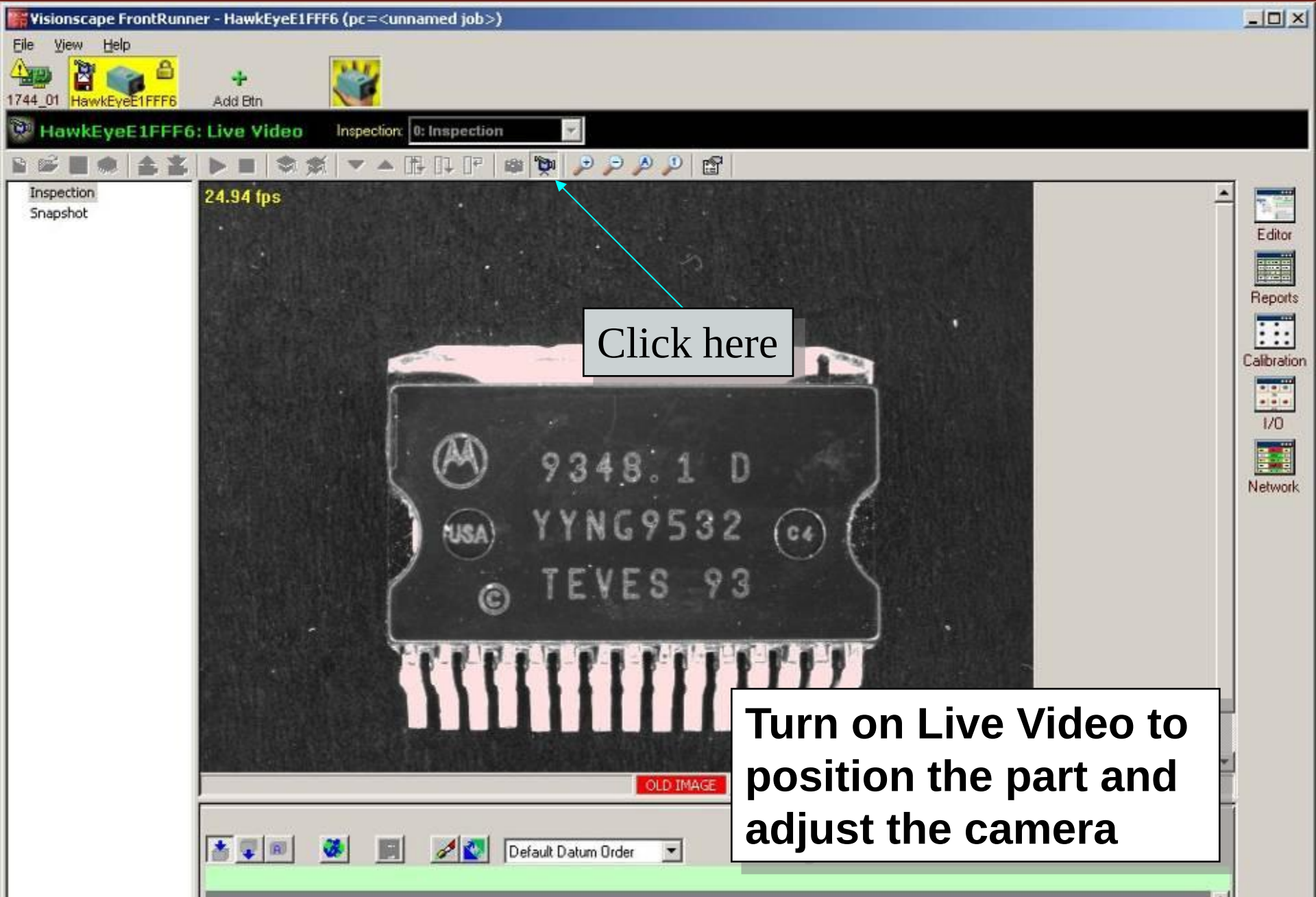

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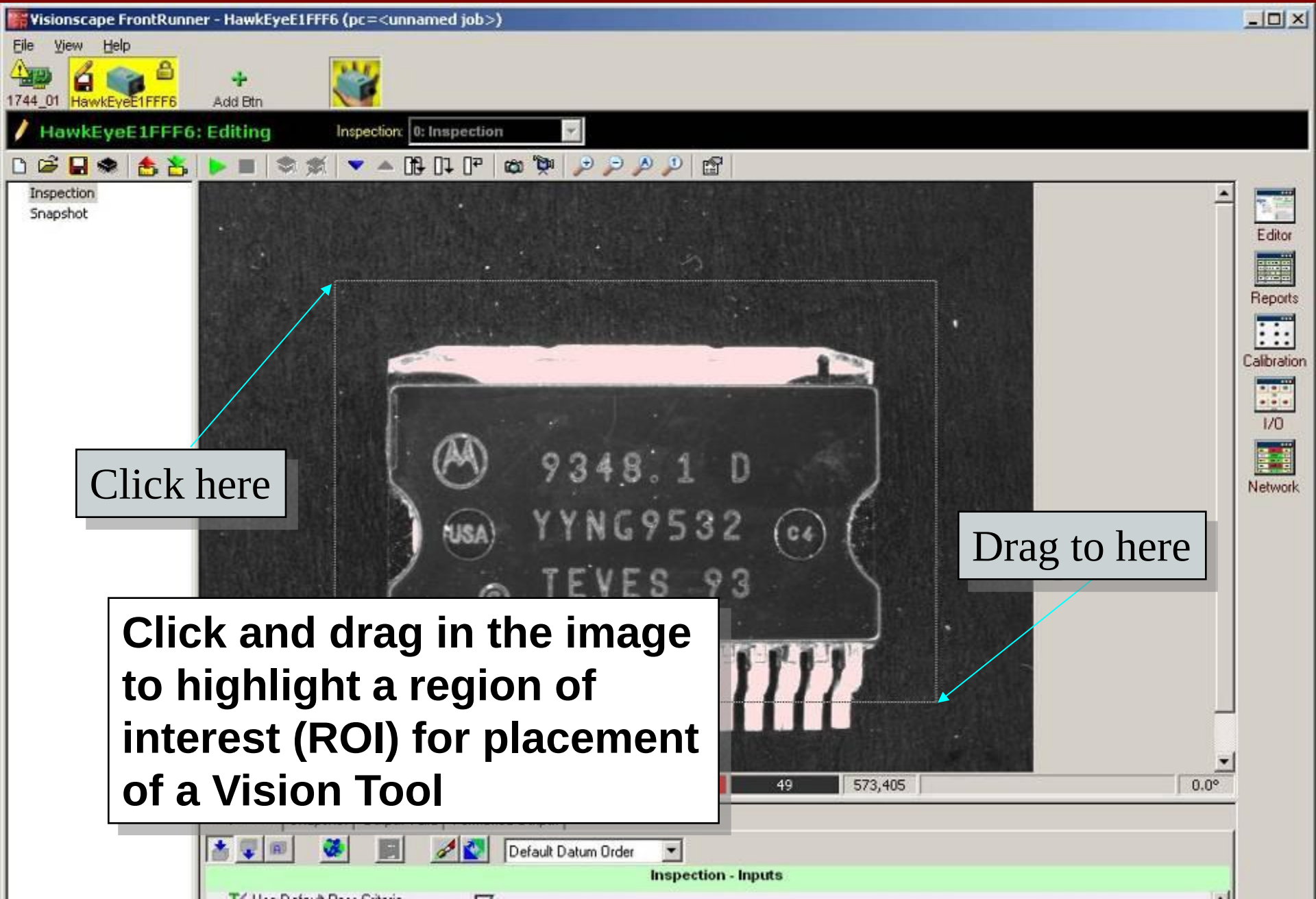
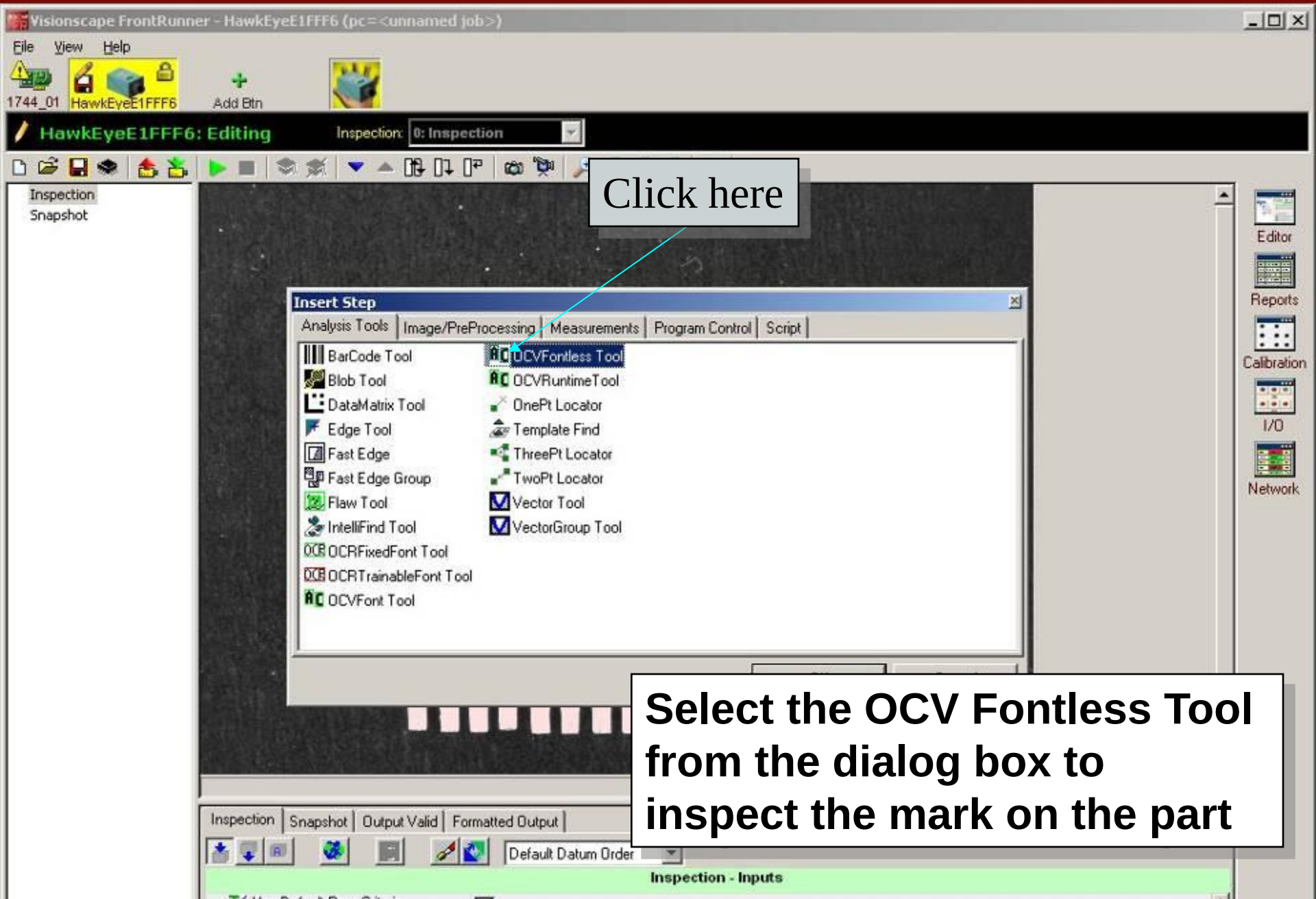
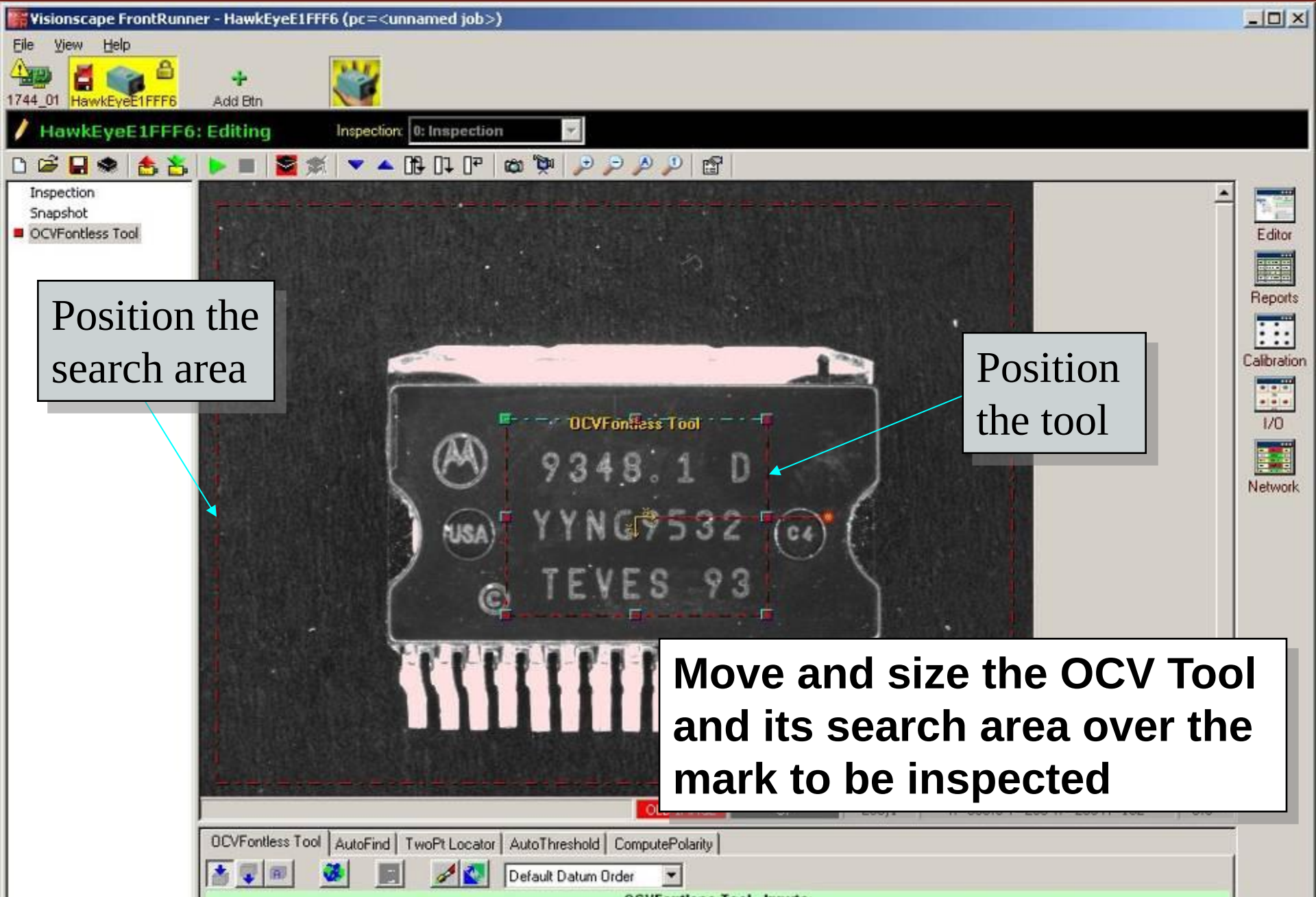


STEP 2: Using OCV Fontless Tool



Select the OCV Fontless Tool from the dialog box to inspect the mark on the part

STEP 2: Using OCV Fontless Tool



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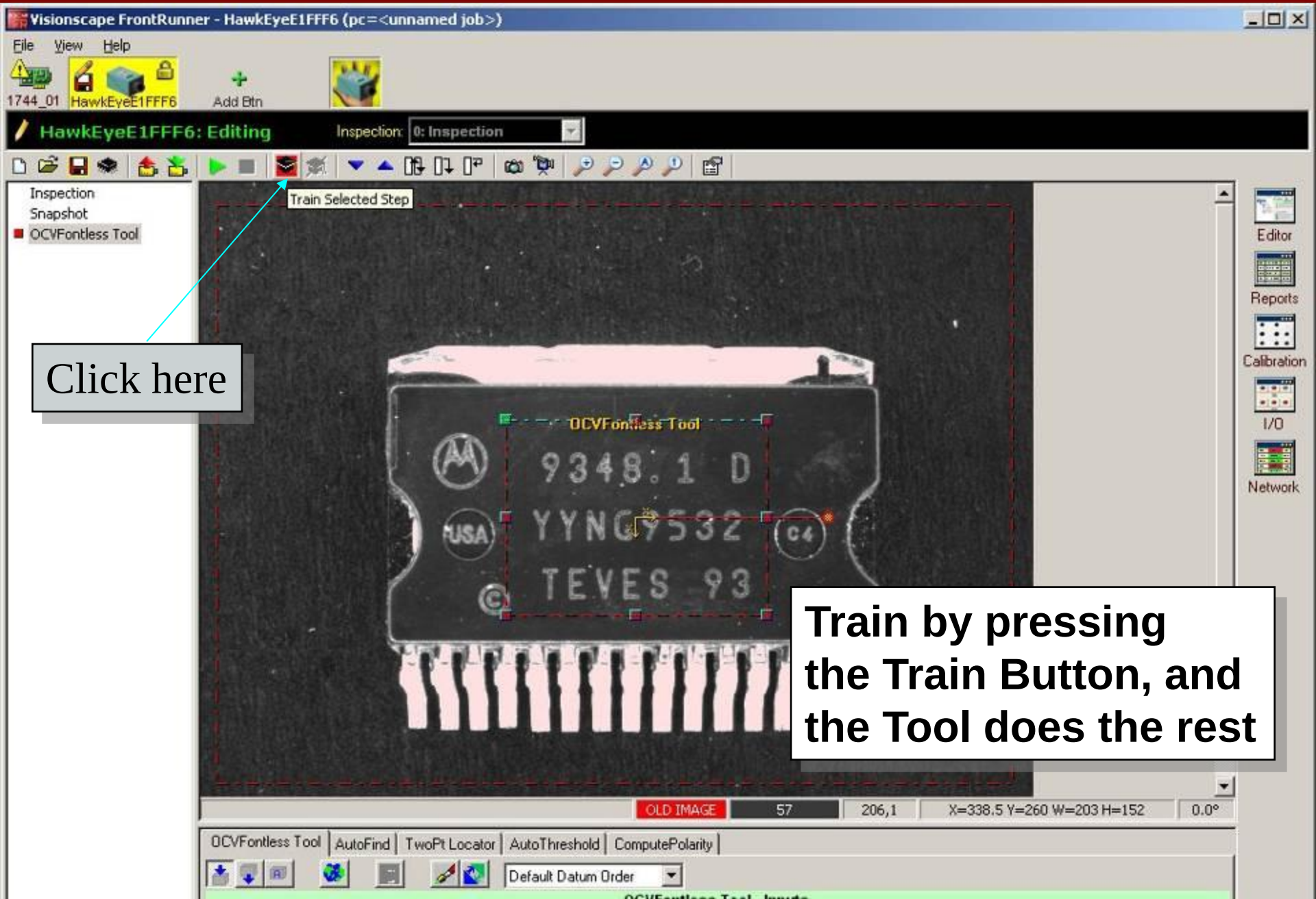
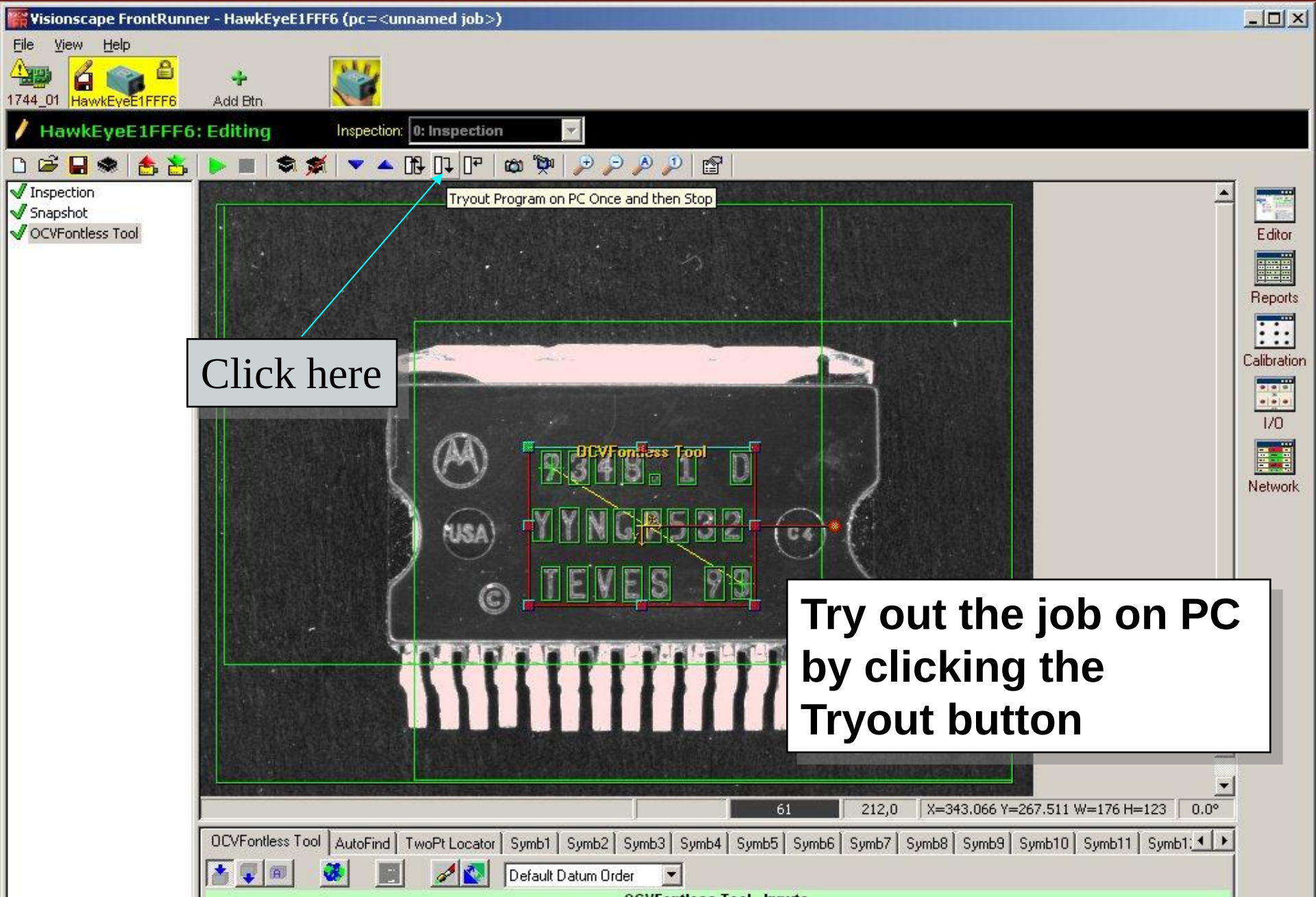


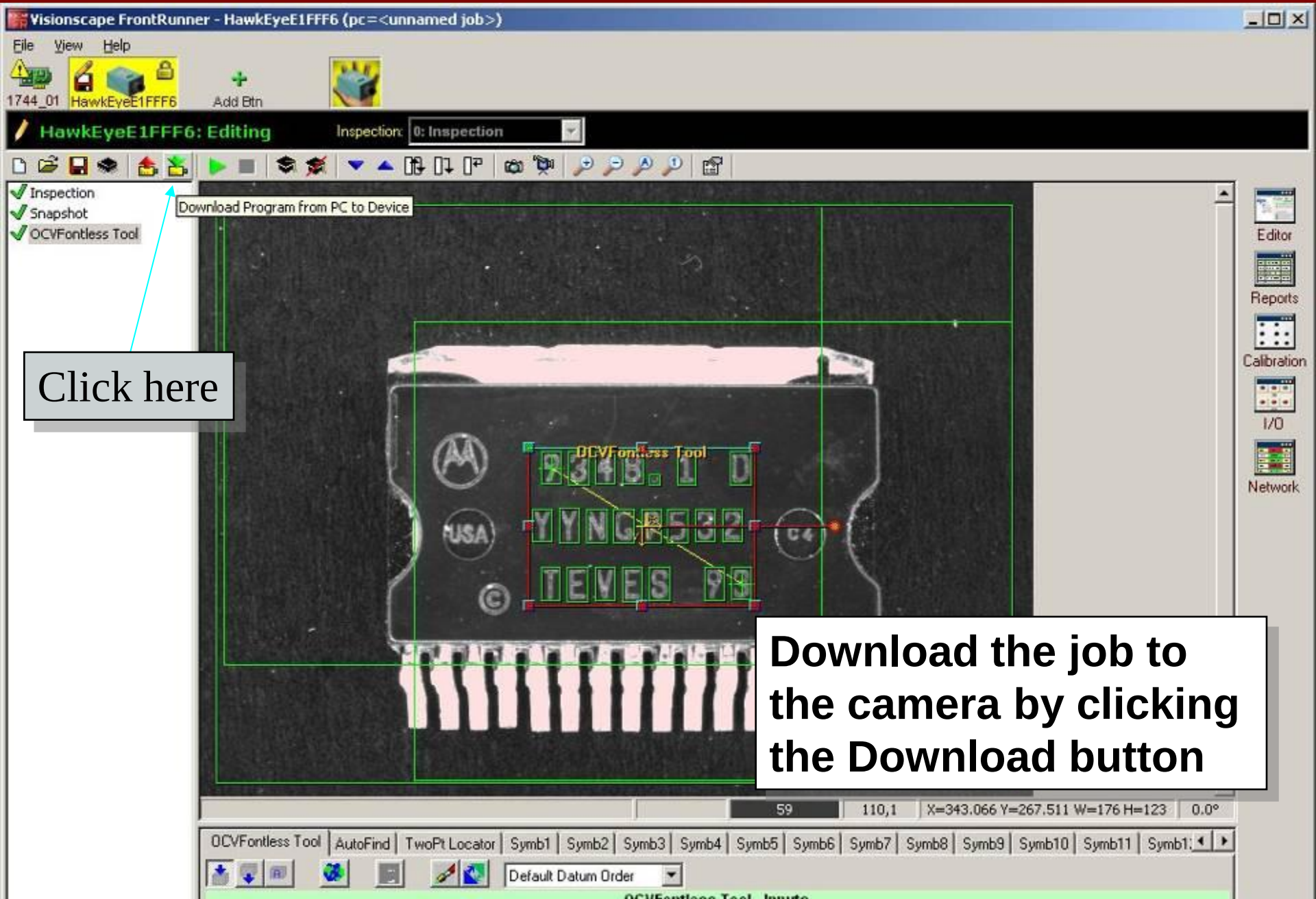
Click here

Train by pressing the Train Button, and the Tool does the rest

STEP 2: Using OCV Fontless Tool

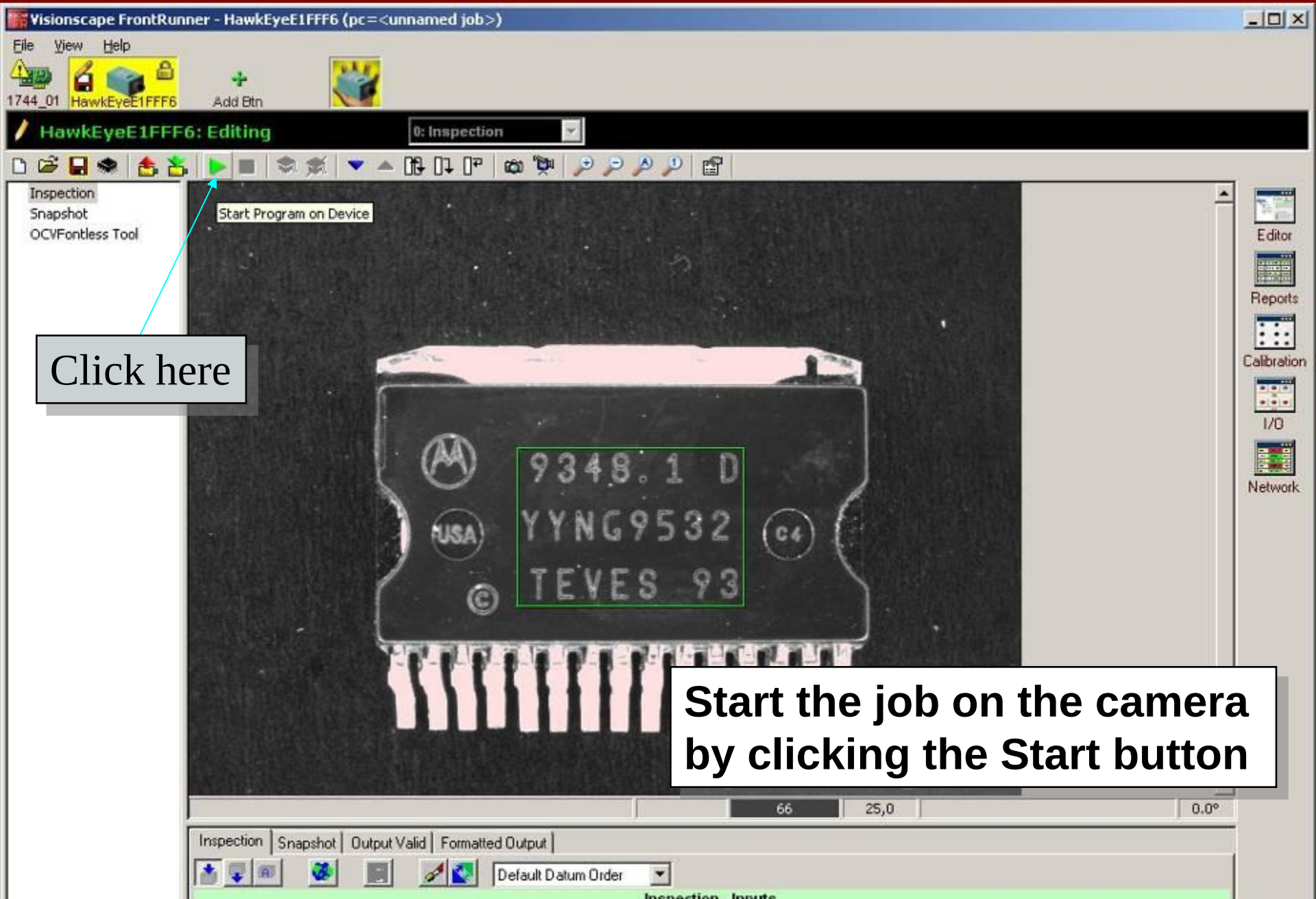


STEP 3: Download and run



Download the job to the camera by clicking the Download button

STEP 3: Download and run



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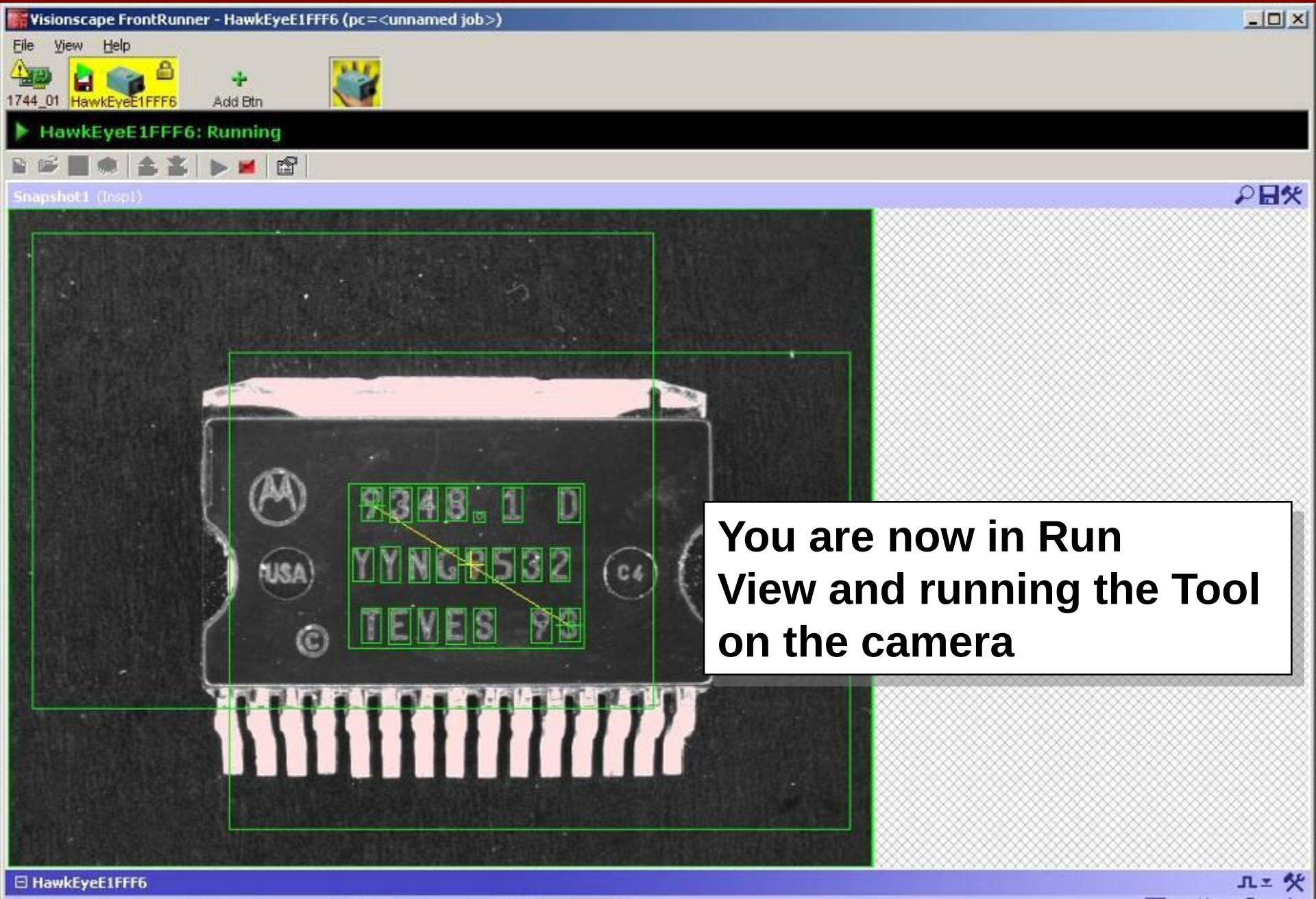

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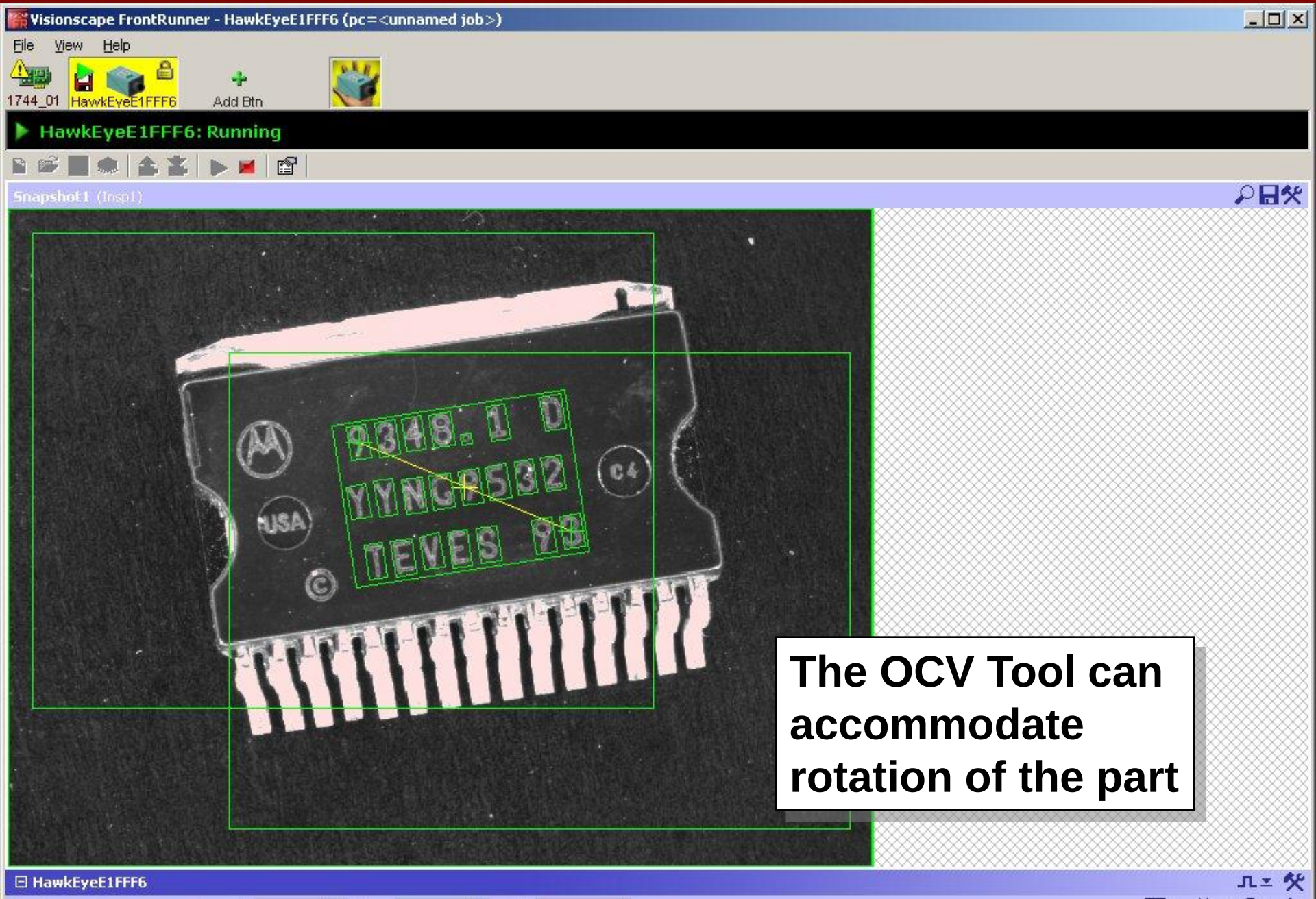

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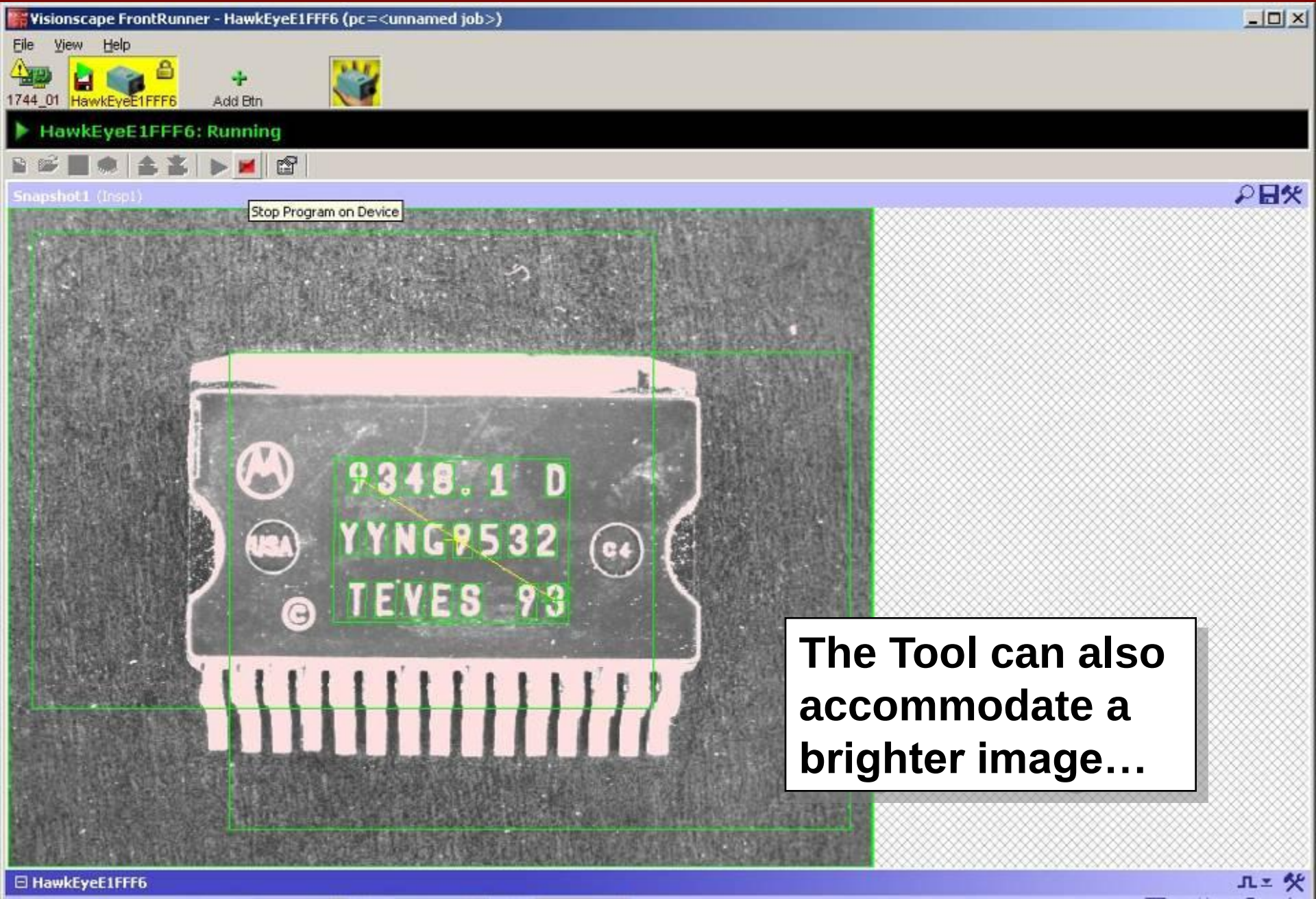
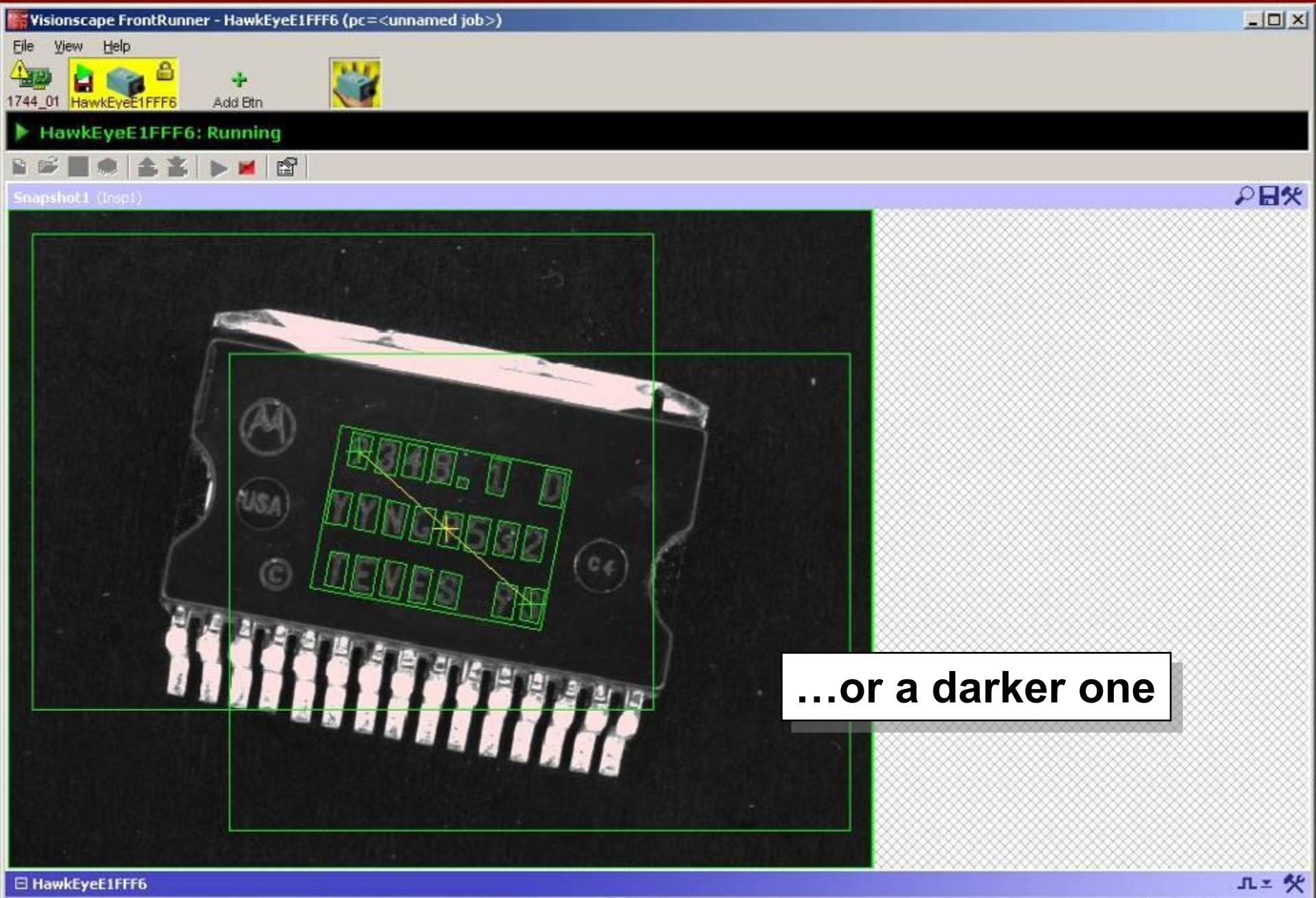


The Tool can also accommodate a brighter image…

STEP 3: Download and run



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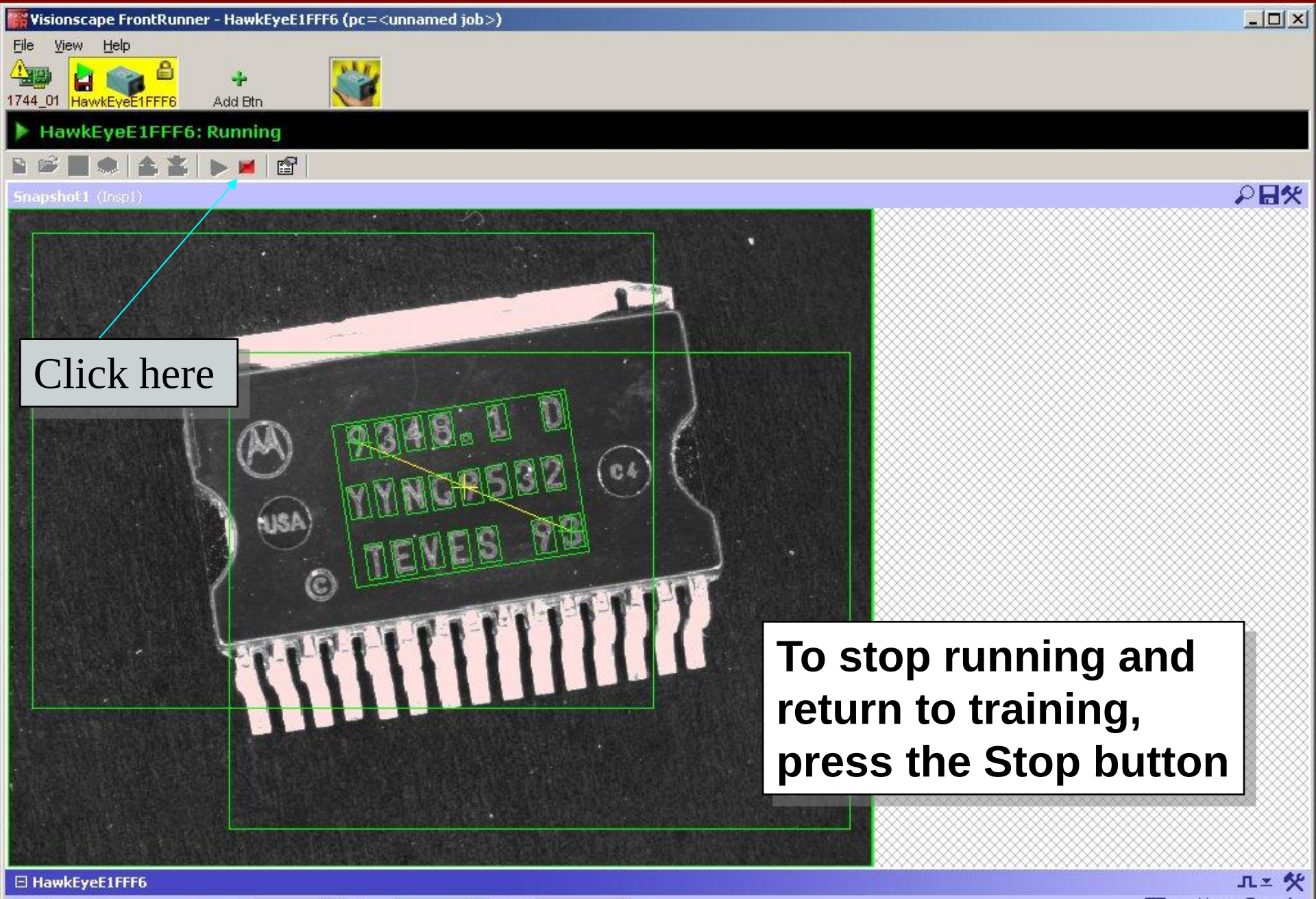
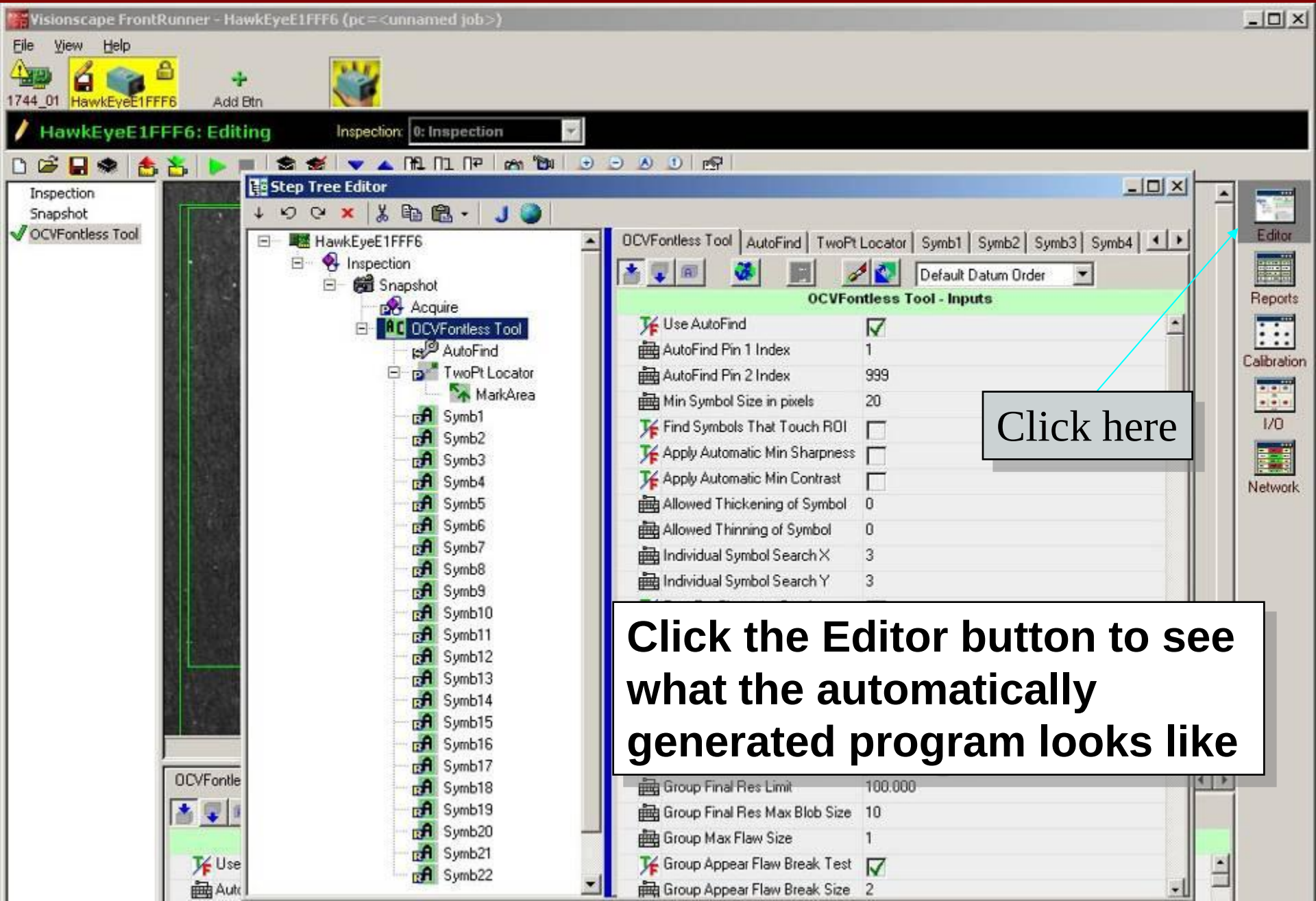


STEP 4: Viewing generated program



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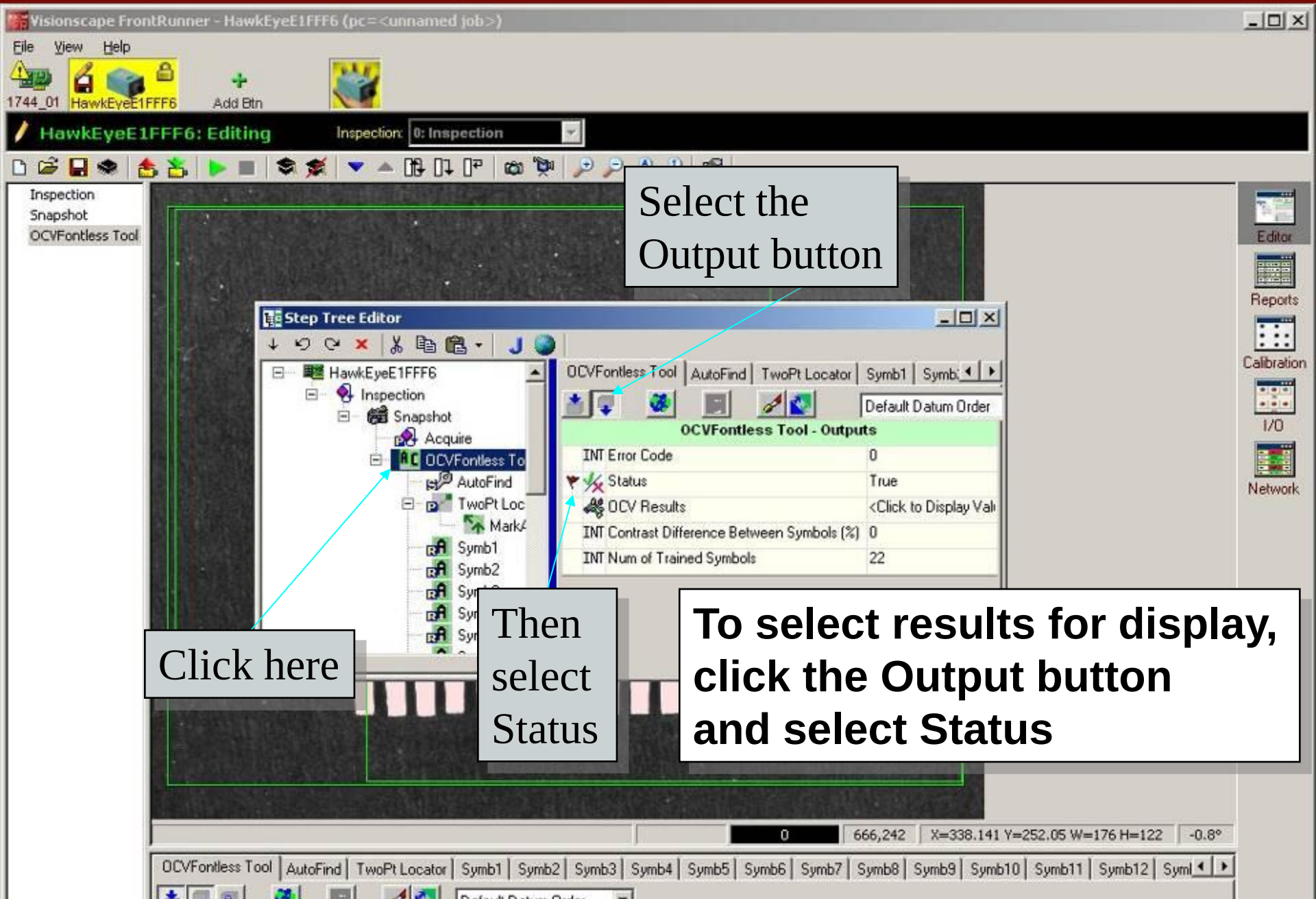

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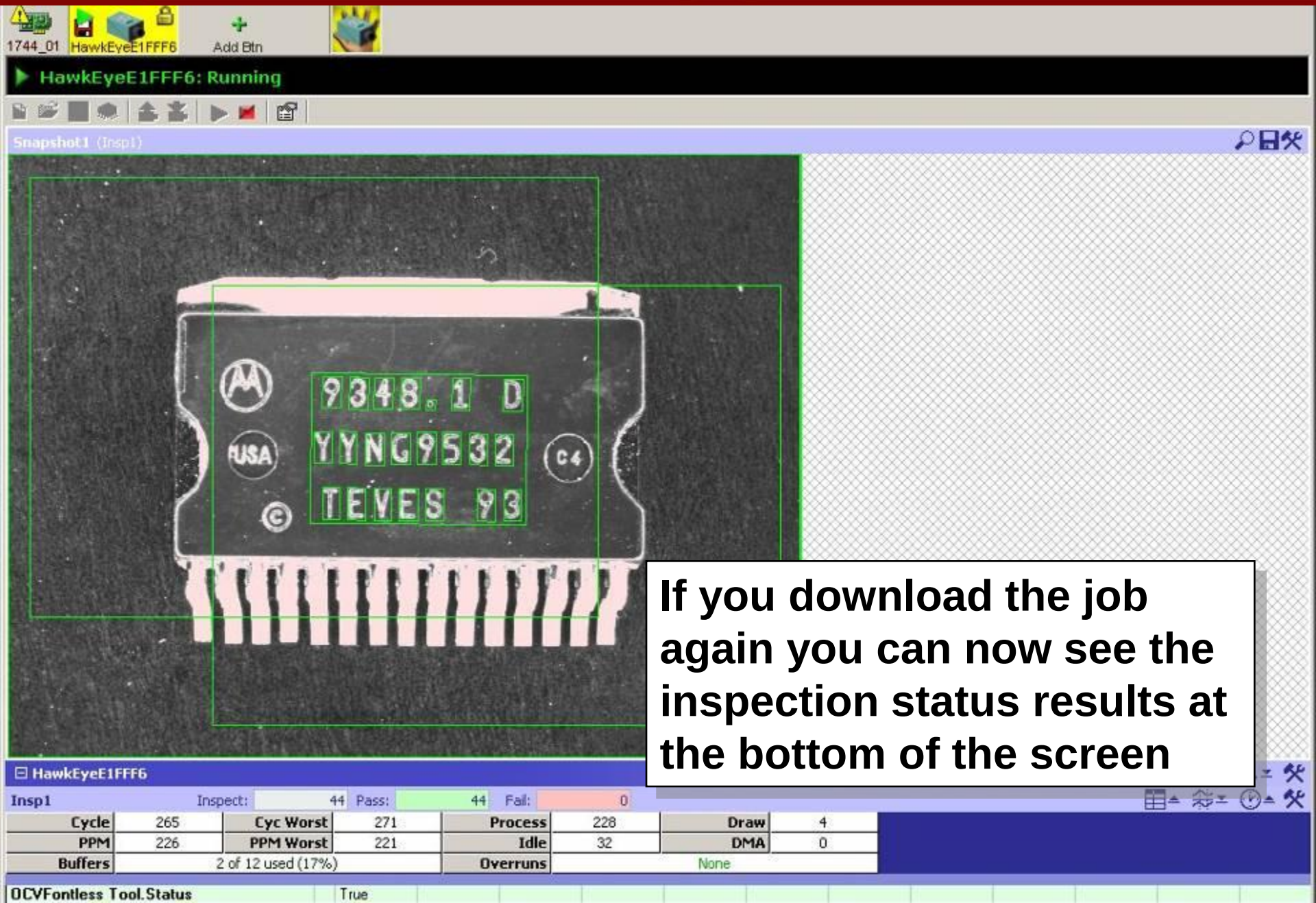
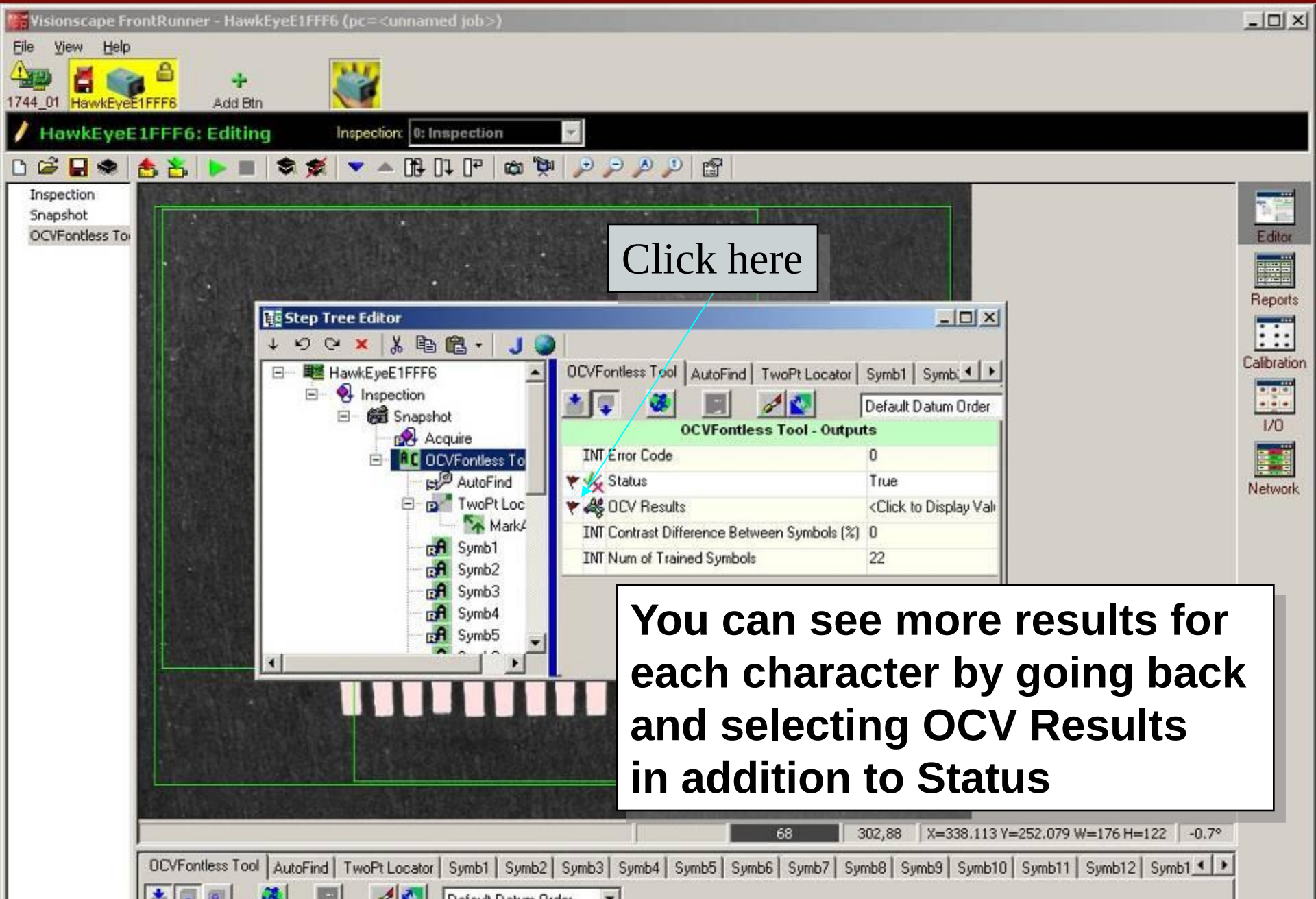


STEP 5: Customizing results for display



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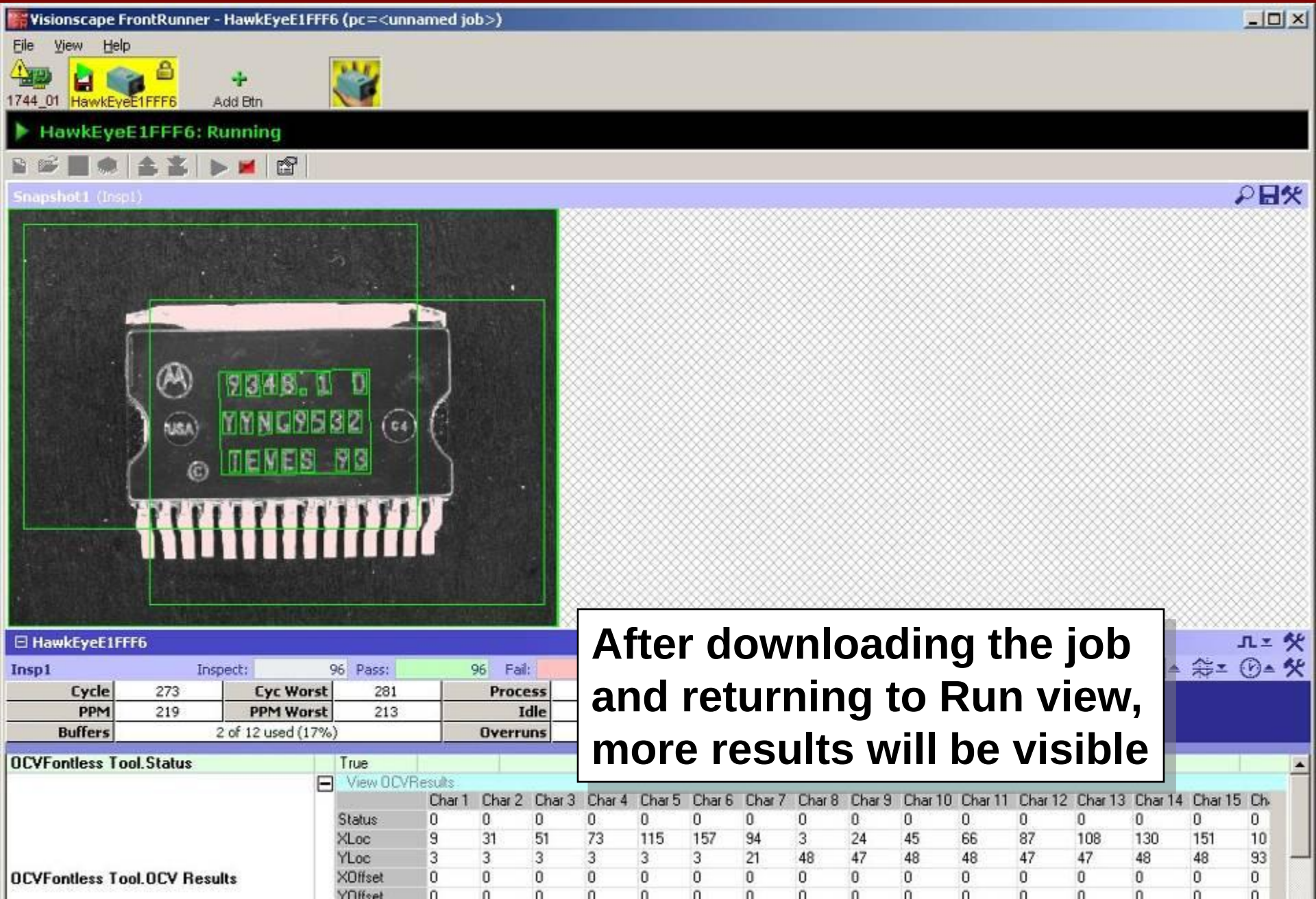
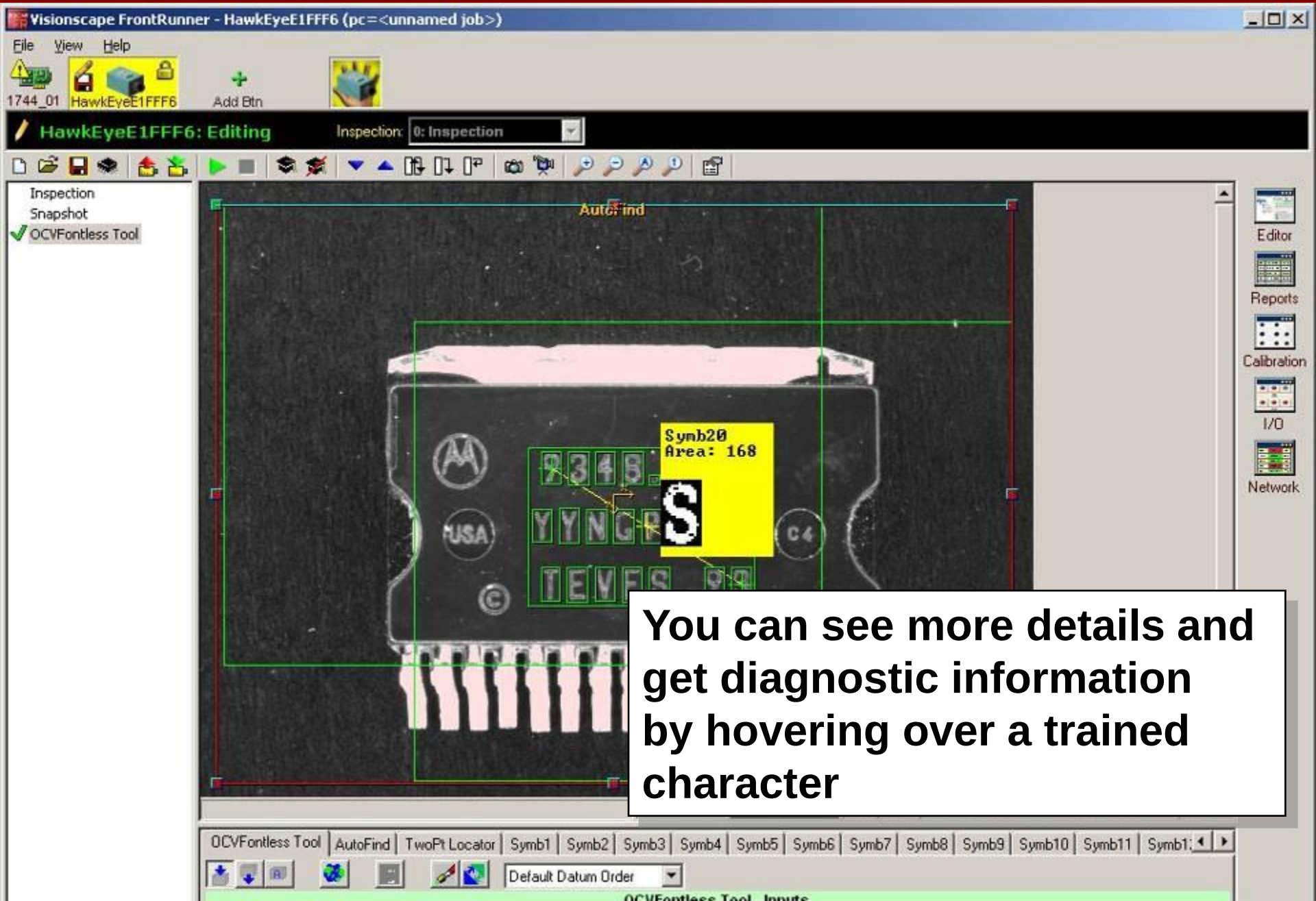


After downloading the job and returning to Run view, more results will be visible

STEP 5: Customizing results for display



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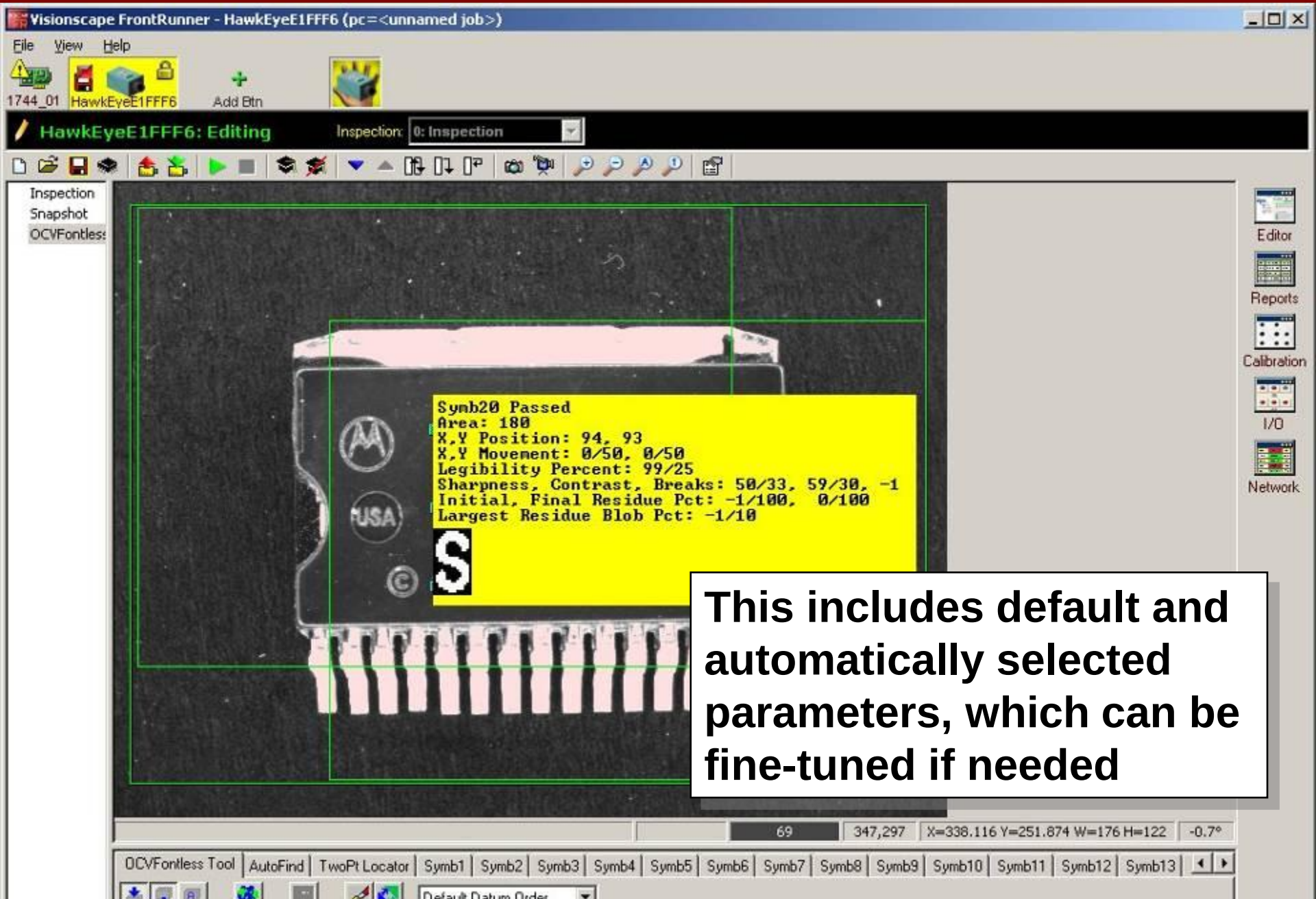
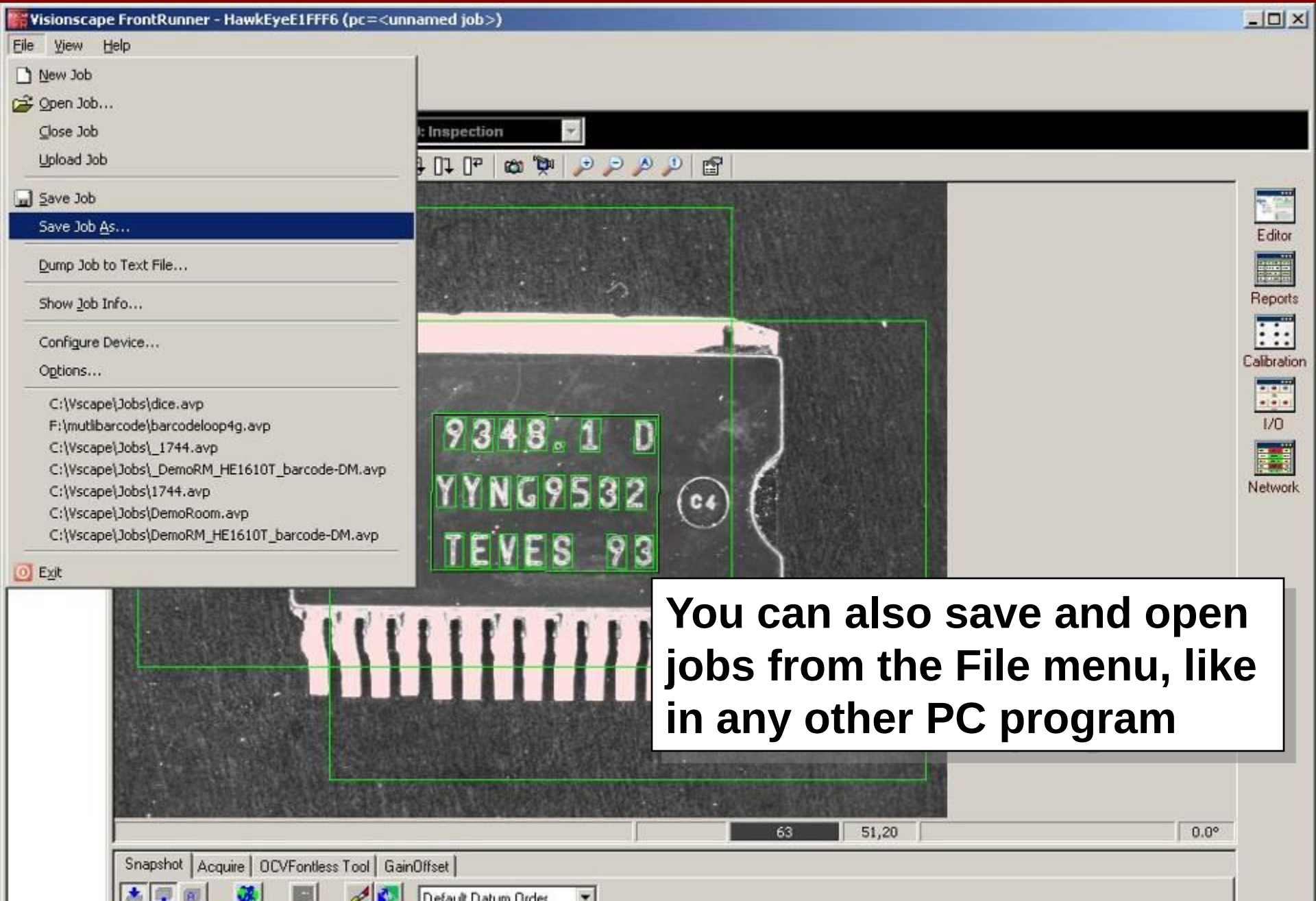


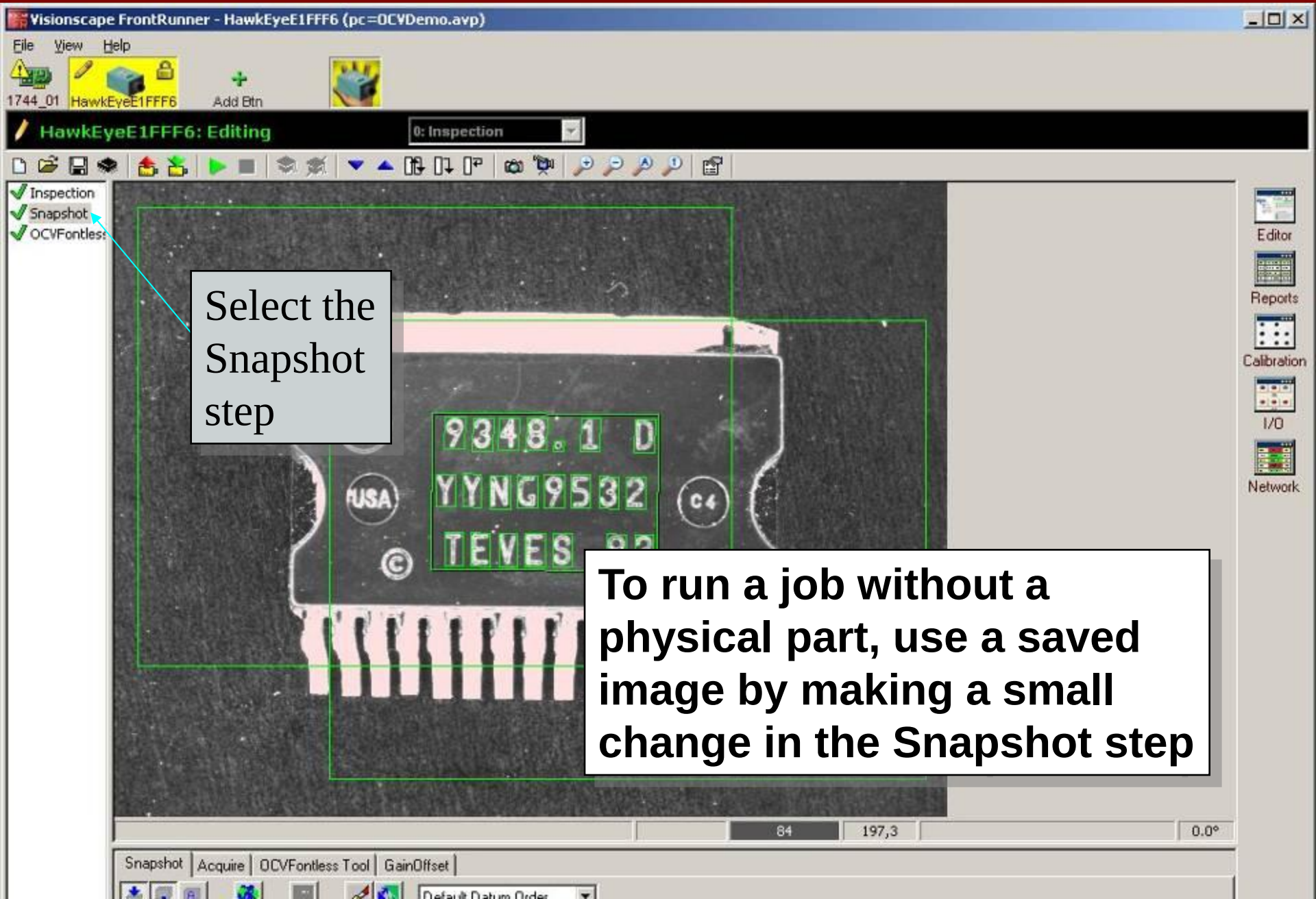
This includes default and automatically selected parameters, which can be fine-tuned if needed

STEP 5: Customizing results for display



You can also save and open jobs from the File menu, like in any other PC program

STEP 6: Using saved images



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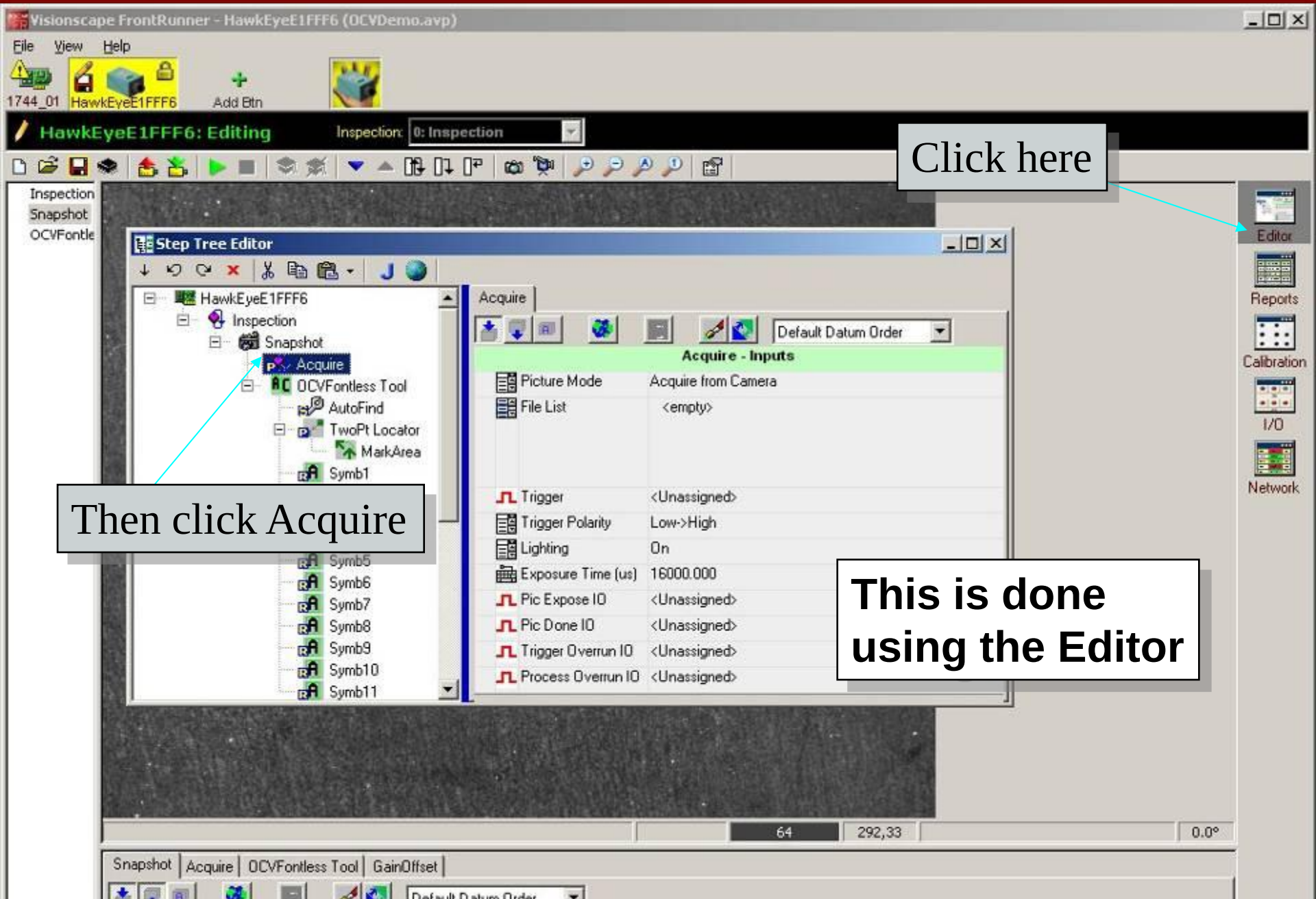

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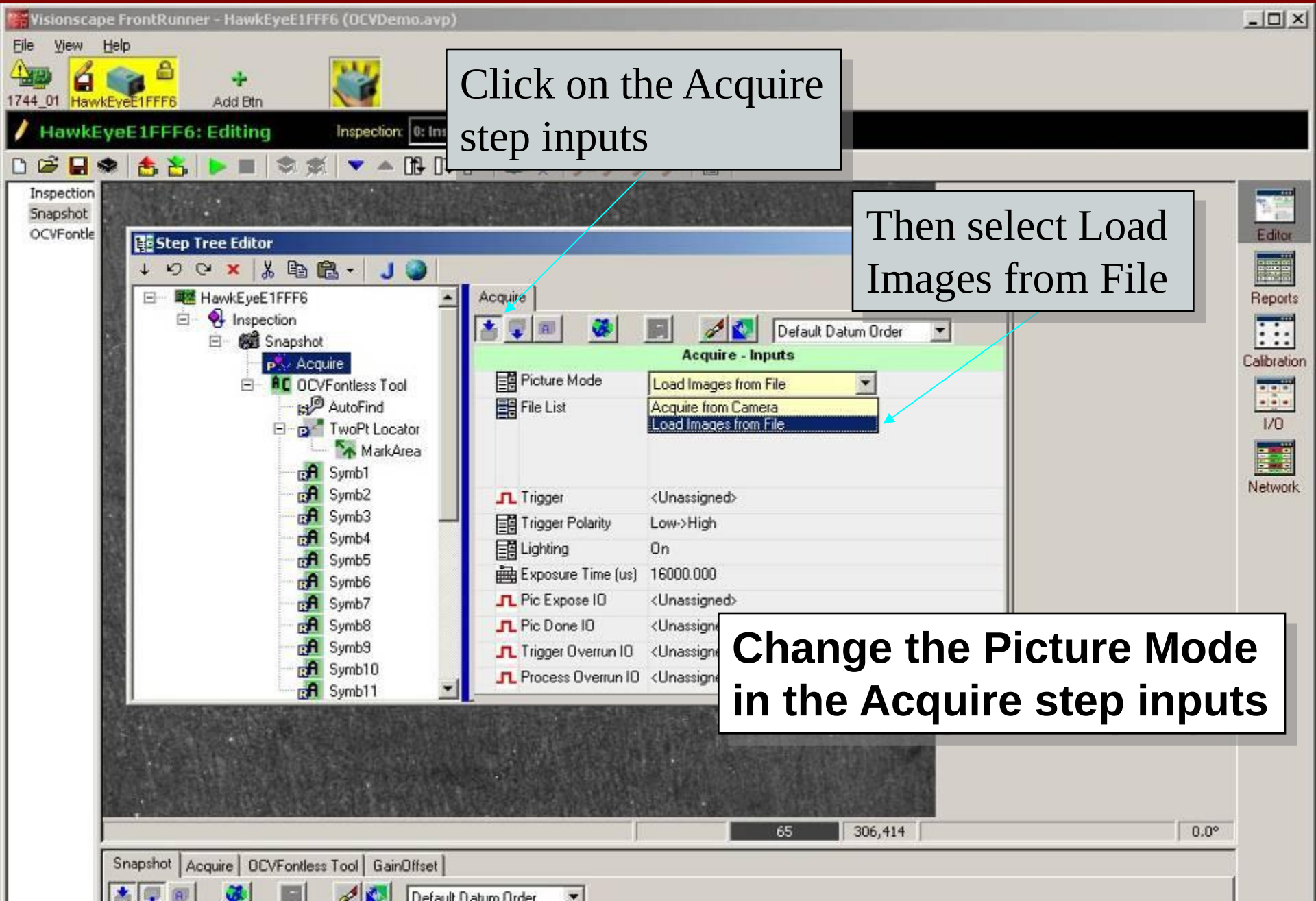
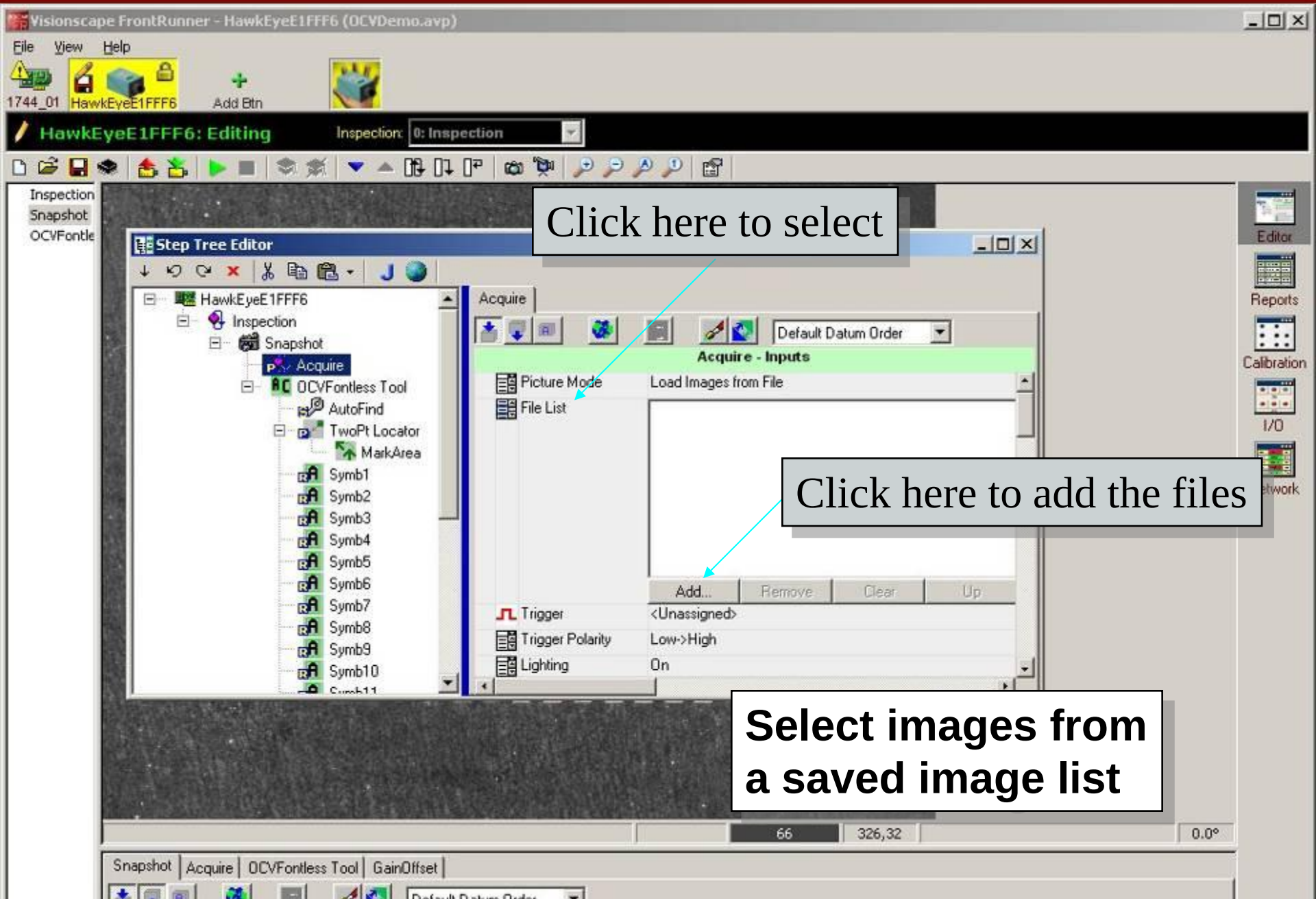


Click on the Acquire step inputs

Then select Load Images from File

Change the Picture Mode in the Acquire step inputs

STEP 6: Using saved images



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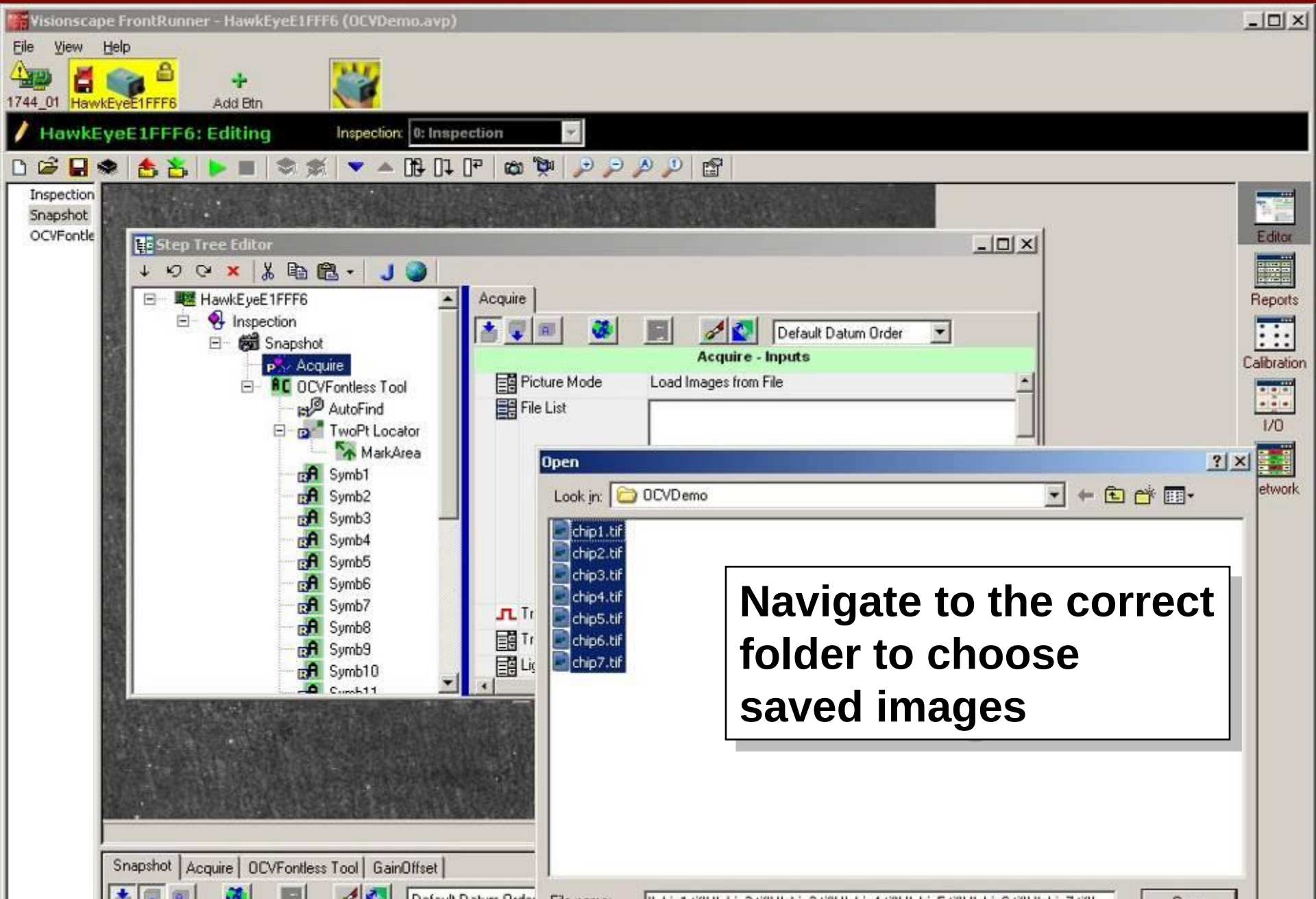

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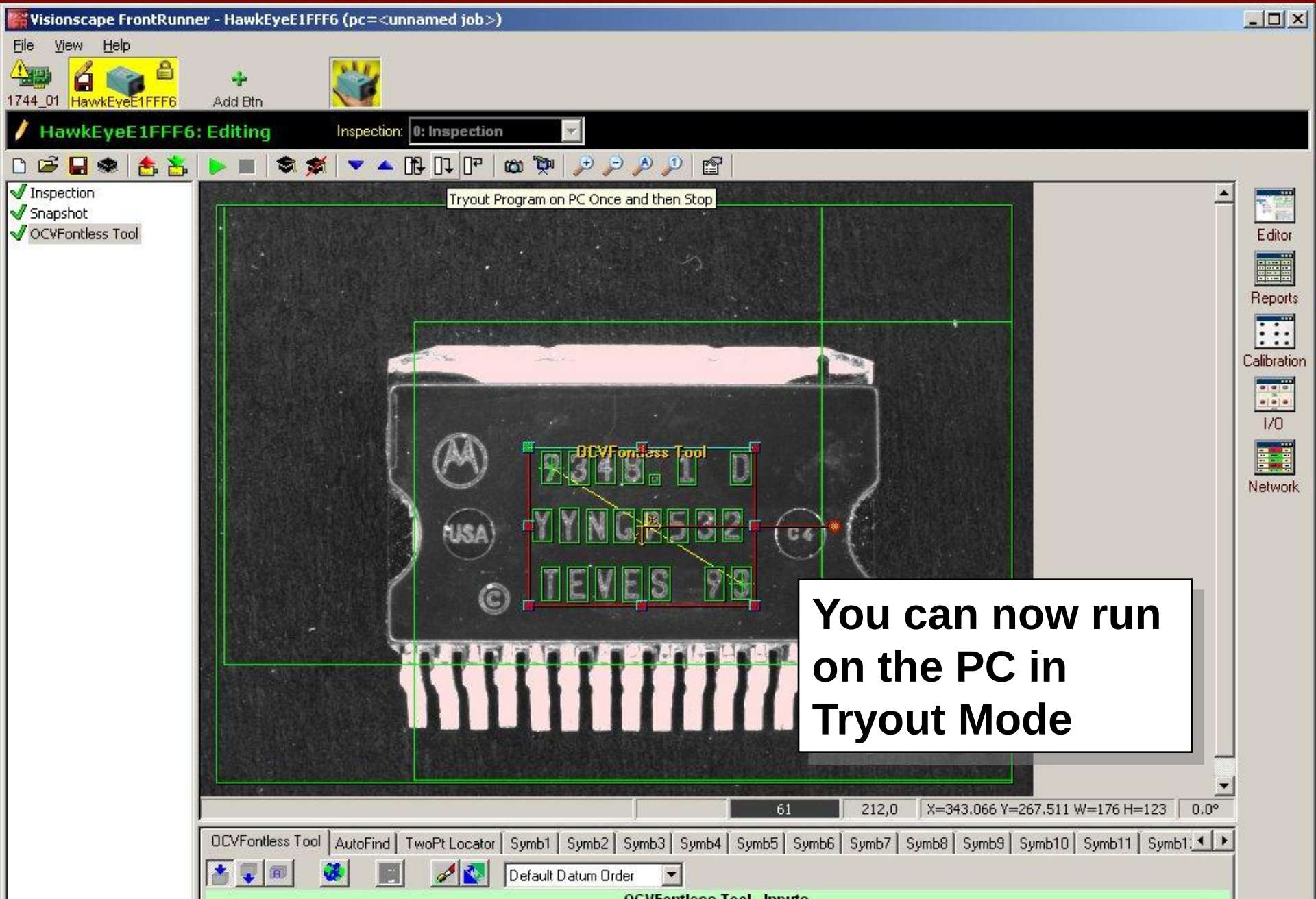

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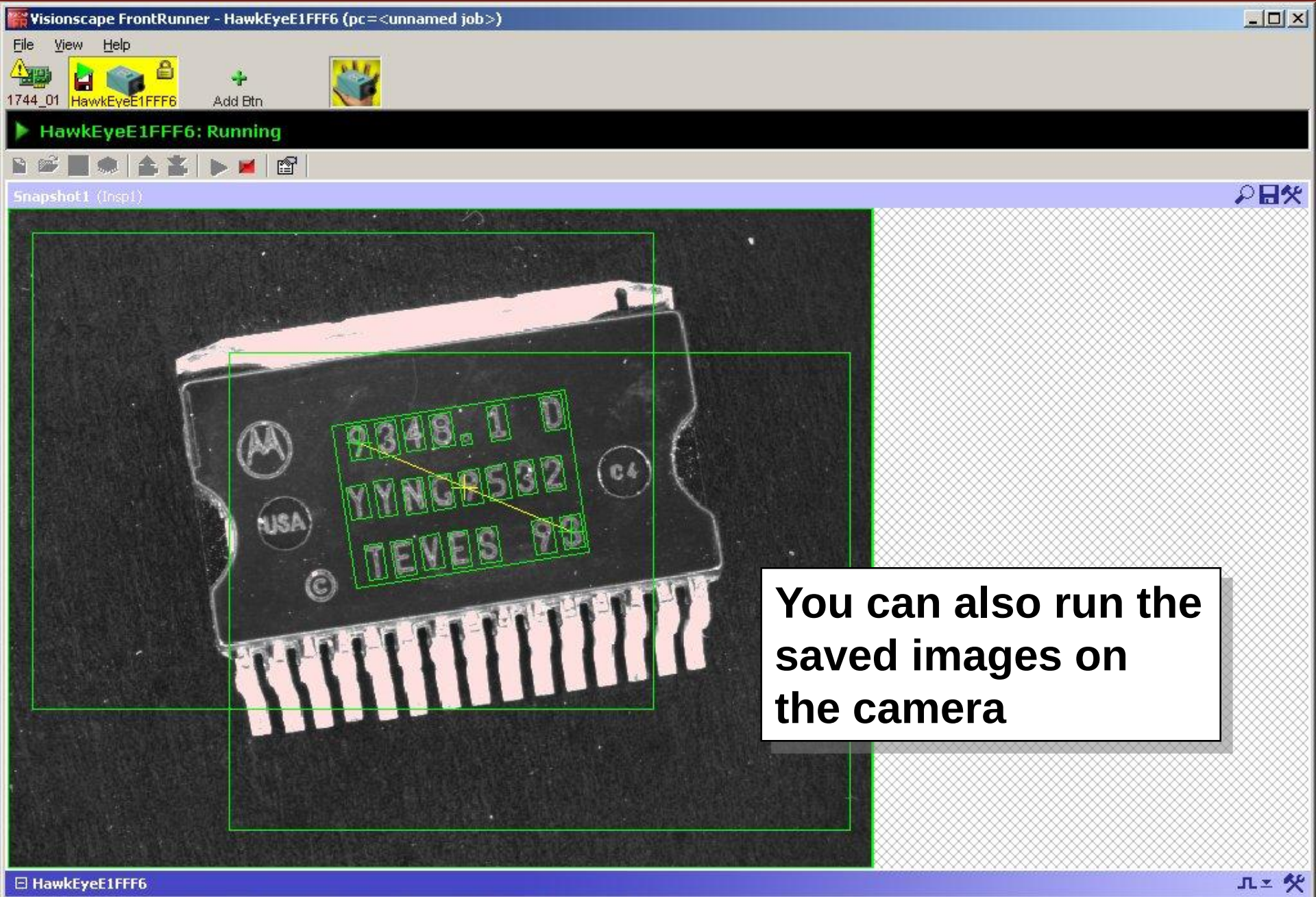
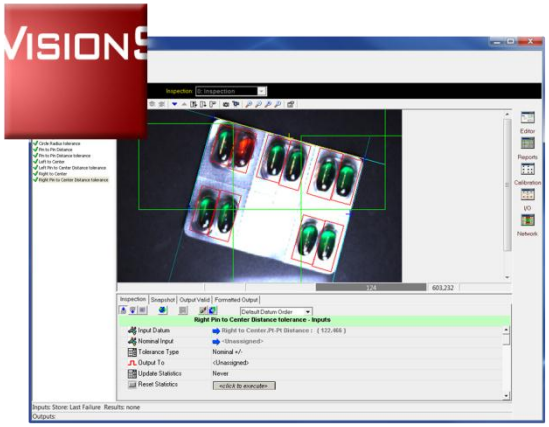


Visionscape Summary

- Visionscape software provides all the elements needed for developing and deploying complete machine vision applications (not just prototyping vision processing steps)
- Features a configuration environment that can be tailored to different users for maximum productivity
- Powerful and easy to use point-and-click environment
- Extensive collection of proven image processing tools:



- FrontRunner Interface: “Engineering” GUI
- AppRunner Interface: “Monitoring” GUI
- Intellifind: Geometric pattern match tool
- Complete set of ActiveX components

Thank You.

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