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Converting QuantumData Timing Files For Microvision Use

Timing files for the SS200 series systems can be modified or created using the Quantum Data pattern generator software. The following example illustrates the creation of a "Microvision QTT" file from a built in Quantum file. Other custom files can be generated by modifying built in files before saving them. VGM software also contains an on-line manual for more information regarding timing files.

Note: The conversion of a pre-configured Quantum timing file does not guarantee that it will function properly. In General, the timing file must produce a DSS or digital separate sync pulse in order to work properly with the SS200 series system. The DSS signal (vertical sync) is used as the synchronization source for the SS200 and needs to be present. Timing files can be generated to produce multiple sync types, ACS&DCS&DSS, for example. Consult your Quantum data documentation or on line manual.

- From Windows, start the Quantum Data Software VGM. If the software is not installed on your system and/or you do not have the installation disks, the software can be downloaded from Quantum's web site at www.quantumdata.com .
- Along the top row, click 'generator', then select 'connect'
- Port Type = ISA for internal, Com for external
- Port number for ISA cards is = 7
- Select 'O.K.' The formats and images stored in the generator will then be loaded.
- In the generator window will appear fmt img, and seq directories, double click 'fmt' to show the list of built in formats. Select DMT1075 for this example.
- Under generator, select 'recall item. Then select 'yes'
- The format DMT1075 will appear in the editing buffer window. This confirms that the format has been loaded and is ready to be saved.
- Along the top row, click 'file' and then select 'Write CMD file' . CMD files are identical to QTT files with the extension renamed. In order for Microvision software to use the new timing file, it must have the extension changed to QTT. At the prompt, change the file name to have the 'qtt' extension and change the directory to ' c:\mv\timings'. This is the default directory where timing (qtt) files are store for the SS200.
- Restart SS200 software and load the new timing file.