

# EPICS For MCB4B

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These instructions already assume that you have installed the EPICS base(version 15), extensions, and synApps. If you have not please refer to the other documentation for these steps. It should also be noted that we need the IP package in synApps, so if you have it commented out, uncomment it and rebuild the package. In theory installing synApps should give us a perfectly working motor record from which we could build all of our systems. However, there are several oddities that crop up in order to get the MCB4B record to work.

- Enter the synApps/support/motor-6-9 directory
- In the make file uncomment the lines for building examples
- In the release file in the configure directory make sure IPAC, ASYN, and MOTOR variables are defined
- In the makefile in the motorApp directory comment out all unwanted driver, in this case we only want the AcsSrc one
- Moving to the the dbd directory in the PI\_GCS2Support.dbd file comment out the two include statements
- In the motorExApp/WithAsyn directory replace the make file with the corrected one found along with this documentation.
- Finally in the iocWithAsyn directory within iocBoot open the makefile and add .64 to the architecture definition, and rerun make

This should be everything that you need to start making a MCB4B control system.