



FIRMWARE UPDATE RELEASE NOTE: **Ethernet Module**

Date: 11/08/2011

Version: V61.1.6

MAIN: **Ethmod_61.1.6_652E.hex**

New Features: Faster response and socket release, indicates client IP for IEC 60870-5-104 server

1. Disabled NMI FIQ in AMX config module.
2. Knet clock KN_TPS is set to 50 Hz (20 ms tick) in Knet config module.
3. Knet PR_FASTHZ and PR_SLOWHZ timers are set to KN_TPS frequency in tcp_sys.h.
4. tcp_keepintvl probe interval is set to PR_SLOWHZ/8 (tcp_maxidle = 8 x tcp_keepintvl = ~1 sec) in main().
5. TCPTV_MSL maximum socket lifetime is set to 1 tick (socket close timeout = 2 x TCPTV_MSL) in main().
6. fSockRecvFrom with TCP sockets will return the client port number and IP.