CML's AIS Class B CSTDMA Protocol Processor

10/23/2019 – San Jose, California: RFMW announces design and sales support for CML Microcircuits’ Automatic Identification System (AIS) processor. The SCT7033 embeds the full AIS Class B CSTDMA protocol stack within the device, thereby reducing development expense and enabling faster time to market for a compliant transponder. Programmable across the entire marine band (156.000 to 162.050 MHz), it implements a dual-channel receiver and single transmitter. CML's ITU-R M.1371-5 compliant protocol stack has been proven in equipment passing stringent maritime industry certification providing safety at sea and aiding navigation. Comprehensive implementation is preprogrammed to support UART for GNSS interface (uBlox module) as well as USB and UART Presentation interfaces. The SCT7033 is targeted at fishing fleets and homeland security. When used with CML’s CMX7032 Marine AIS Baseband Processor and DE70322T AIS Class B Reference Design, time-to-market is significantly reduced. The DE70322T kit provides a GUI to enable production line configuration specific to the device or its vessel.

Samples are available for qualified requirements through RFMW at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.