

D.SignTs TCP/IP Stack, specifically optimized for DSP systems, now available for C6657 Processors

Optimised for DSP systems D.SignT developed its own TCP/IP network stack. For many years this stack has been used in several applications. This TCP/IP stack can operate as a background process using only the remaining processing time after all other tasks are completed, thereby not influencing the real-time performance of the DSP system. All functions are non-blocking and interruptible at any time. Resource consumption has been minimized, too.

D.SignT now also ported this network stack to the Texas Instruments Processor TMS320C6657. The D.SignT TCP/IP stack does not require an underlying operating system, but may as well be used in a pre-emptive or cooperative RTOS environment.

The TCP-IP-Stack is also running on D.SignT's D.Module C6657 and can be used for customer-specific hardware.

Read more: <https://www.dsignt.de/en/embedded-software/tcp-ip.html>

About D.SignT:

Founded in 1998, the German DSP specialist D.SignT develops and manufactures components for real-time processing in embedded systems. These products are used in a variety of applications: material inspection, measurement devices and sophisticated control systems – whenever high computing power at limited space is required.

About Kane Computing

KCL (www.kanecomputing.co.uk) has been providing Image Processing, DSP and high performance computing products for use in industry, education and research since 1987 and is a Texas Instruments Third Party Partner specialising in consultancy and advice on TI development tools/platforms and image processing applications. KCL have extensive knowledge and experience of providing video compression solutions for many industries particularly for digital video security and high quality broadcast applications.

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For more information please contact: Mrs Pauline Lightburn-Ritchie on Tel; 01606 351006

E-Mail: pauline@kanecomputing.com

www.kanecomputing.co.uk

Kane Computing Ltd, 1Verdin Street, Northwich, Cheshire, CW9 7BX