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## Support for TI Sitara™ ARM MPUs and Integra™ DSP+ARM Processors from KCL

Kane Computing have announced the availability of new OEM-ready processing modules based on the latest Texas Instruments ARM389x Sitara™ ARM MPUs and C6A816x Integra™ DSP-ARM processors for data terminal / telecommunications and multi-channel display / communications.

- [C6A816x Integra DSP+ARM Processors from TI](#)
- [Z3-AM389X-MOD Data Terminal/Telecommunications OEM Module](#)
- [Z3-C6A8168-MOD Multi-Channel/Communications OEM Module](#)
- [C6A816x/AM389x DDR2 Evaluation Board](#)

### C6A816x Integra DSP+ARM Processors from TI

TMS320C6A816x processors feature the highest performing single-core floating and fixed point DSP processor with speeds up to 1.5GHz along with a ARM Cortex™-A8 processor with speeds up to 1.5GHz, integrated high-bandwidth peripherals, 3D graphics and display engine. Ideal for developing products requiring intensive signal processing, run applications under an advanced operation systems, rich, responsive GUI and drive multiple displays.



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### Z3-AM389X-MOD Data Terminal/Telecommunications OEM Module

The Z3-AM389X-MOD is a fully integrated turnkey system is cost effective and is ready for manufacturing volumes. It has access to all major AM389X interfaces has a Linux-based system and is easy to customize plus full source code is available.

The Z3-AM389X-MOD has on-board jacks for Gigabit Ethernet, HDMI output, SATA, USB, RS232, analog video and audio. Also available without I/O connectors is easily expandable and customizable and has ARM Cortex A8 up to 1.5GHz.

Applications include: telecommunications, point of sale, portable data terminal, human machine interface, integrated embedded linux system and high performance graphics.



[More Information](#) ▶

### Z3-C6A8168-MOD Multi-Channel/Communications OEM Module

The Z3-C6A8168-MOD is a fully integrated turnkey system is cost effective and is ready for manufacturing volumes. It has access to all major C6A8168 interfaces has a Linux-based system and is easy to customize plus full source code is

available.

The Z3-C6A8168-MOD has on-board jacks for Gigabit Ethernet, HDMI output, SATA, USB, RS232, analog video and audio. Also available without I/O connectors is easily expandable and customizable and has ARM Cortex A8 up to 1.5GHz and C674x floating point DSP up to 1.5GHz.

Applications include: industrial control and vision, video analysis, test and measurement, telecommunications, data acquisition and high performance graphics.



[More Information](#) ▶

**C6A816x/AM389x DDR2 Evaluation Board**

Developed with Spectrum Digital, the 8168 Evaluation Module (EVM) enables developers to immediately start evaluating AM389x Sitara™ ARM MPUs (AM3892, AM3894) and C6A816x Integra™ DSP+ARM processors ( C6A8167, C6A8168) and begin building solutions such as single-board computers, gateways, routers, servers, industrial automation, human machine interfaces (HMIs), point-of-service data terminals, machine vision, test and measurement, tracking and control applications, amongst many others.



[More Information](#) ▶

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