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Memory Library IP Cores from SDS:

[SDS](#) (Silicon Design Solutions Inc)- is unique semiconductor IP company, located in California, USA, and operates since 1996.

SDS provides IP that fits seamlessly into your internal flow. Tested and proven using your own methodology and test practices, the IP SDS deliver is indistinguishable from that created by your internal team. SDS's semiconductor IP offerings have for many years enabled leading IDM companies to create world beating consumer and industrial products.

SDS SRAM Memory Solutions

SDS offers a range of high performance/high density/low power SRAM targeted for use in embedded applications in such as networking, wireless communications and handheld devices.

http://www.silicondesignsolutions.com/index.php?option=com_content&task=view&id=104&Itemid=260

SDS ROM Solutions

SDS develops advanced, high-density Read Only Memory (ROM) designs targeted for embedded applications. The designs are customizable to allow for either metal or via programmability. Our compiler accommodates configurations up to 2Mbit.

http://www.silicondesignsolutions.com/index.php?option=com_content&task=view&id=103&Itemid=260

SDS MPRF Memory Solutions

SDS develops advanced Multi-Port Register File (MPRF) designs.

Closely related Static Random Access Memory (SRAM) designs utilize similar design architecture. SDS offers a broad range of high performance, low power register files targeted for use as stacked data registers or scratch pads in applications such as networking, wireless communications and handheld devices.

http://www.silicondesignsolutions.com/index.php?option=com_content&task=view&id=102&Itemid=260

SDS TLB Memory Solutions

SDS offers a broad range of silicon proven, ultra high speed complex memory Translation Look Aside Buffer. SDS's TLBs consists of CAM + ROM + SRAM arrays with flexible user options such as mix-mode masking (bit/group/global), multiple hit detect, prioritized Match address encode etc.

http://www.silicondesignsolutions.com/index.php?option=com_content&task=view&id=101&Itemid=260

eFlexCAM compilers provide high efficiency, cost-effective solutions for applications such as Network Search Engines, Cache for Network Processors, QoS services, Classifications, Ethernet, ATM switches and other diverse networking applications.

http://www.silicondesignsolutions.com/index.php?option=com_content&task=view&id=100&Itemid=260

About KAL:

We provide our customer with professional consultancy and ASIC [Program Management](#), [Consultancy Service](#). KAL has worldwide partners to provide [Digital /RF/Analog ASIC Design Service](#), [Supply Chain Service](#), [Silicon IP Cores](#), [EDA Tools](#) as well as [On site Engineering Service](#).

KAL's Services:

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Until then, we thank you for your continued support!

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