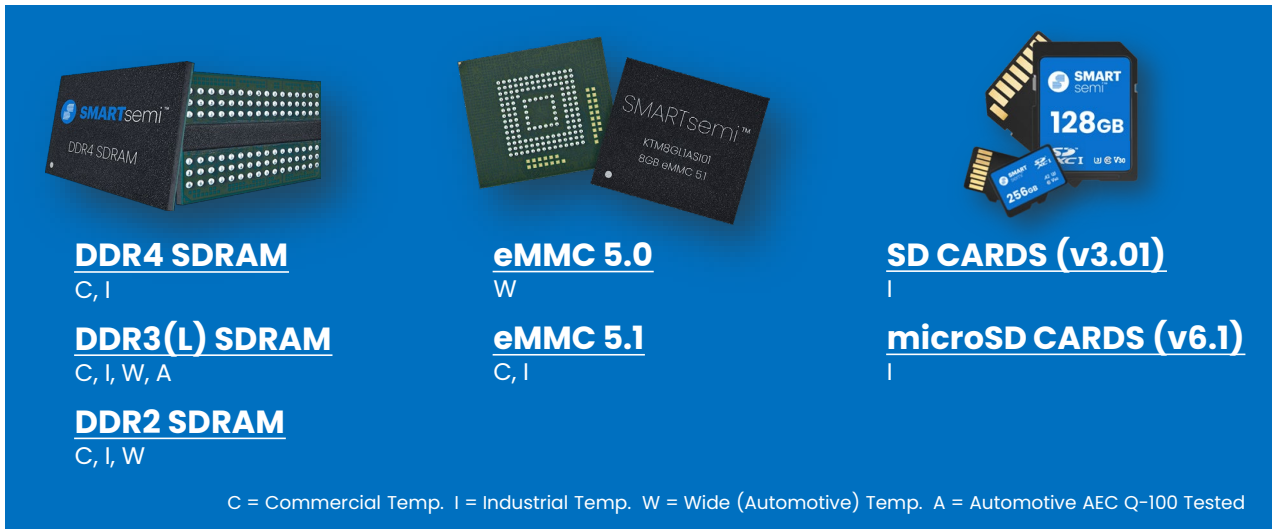




Industrial robots are designed to perform a wide gamut of functions and thus also require a wide selection of specialized components specifically tailored to each of these functions and solutions.

Memory components are at the heart of every industrial robot and play an essential role in the controller and sensor functionalities, as well as data logging in robotic solutions for the automotive, electronics, logistics, agricultural, food, and healthcare industry.

Industrial manufacturing robots are designed to increase efficiency, reliability, accuracy, and safety while decreasing cost, production time, and accidents. For the embedded memory chips, industrial temperature grade performance, the need for low power consumption, and specific form factors drive component selection decisions.



<u>DDR4 SDRAM</u> C, I	<u>eMMC 5.0</u> W	<u>SD CARDS (v3.01)</u>
<u>DDR3(L) SDRAM</u> C, I, W, A	<u>eMMC 5.1</u> C, I	<u>microSD CARDS (v6.1)</u>
<u>DDR2 SDRAM</u> C, I, W		

C = Commercial Temp. I = Industrial Temp. W = Wide (Automotive) Temp. A = Automotive AEC Q-100 Tested

DRAM – Industry 4.0 relies on DRAM in a combination of smart sensors and industrial equipment. Lasting and reliable DRAM components ensure accuracy and safety at all times. SMARTsemi is specialized in the long-term support of embedded memory, including DDR2, DDR3, and DDR4.

FLASH – SMARTsemi’s eMMC portfolio is ideal for data logging at the edge of individual industrial robotics motors critical to factory uptime and to resume work quickly in case of power loss.

SD CARDS – Expand functionality and capacity for data, images and video with Industrial grade FLASH SD and microSD Cards.

Our range of DRAM and Flash components and cards are a great fit for controllers, sensors, and data logging in industrial applications where reliability, performance, and quality of memory components are key.

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