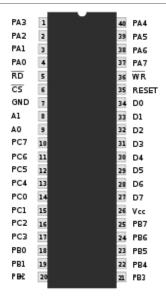
KR580VB55



KP580BB55 (functional analog of <u>Intel 8255</u>) - an electronic component, a <u>chip of a programmable</u> controller of parallel input-output. The microcircuit allows you to address the data bus on three separate channels, another channel is used as the control register of the microcircuit.

Application

The microcircuit allows you to address the signal from the data bus to three external objects using three 8-bit data channels (PortA, PortB, PortC), which can operate both input and output. The operation mode of each channel is set by the control word, which is supplied to the device register with the OUT command. PortA and PortB can work either input or output at the same time. PortC is presented as two 4-bit ports, and each tetrad of it can independently be connected to input or output. In addition to three 8-bit data channels, the chip has an 8-bit channel for connecting to the data bus, as well as two address inputs that allow one of 4 addresses to be implemented: the choice of one of the three data channels or the device register.