

The present invention relates to pulse devices and can be used in analog-to-digital converters and digital-to-analog converters of signals. The proposed controlled analog switch contains a switching n-channel MOS transistor, which drain is connected to the input of the switch, and a control unit. For the possibility to switch voltages of different polarity using a single power supply unit, the said transistor is connected in series to the second switching n-channel MOS transistor, which drain is connected to the output of the switch. The substrates of both the transistors are connected to the common point of connecting the sources of the transistors. The control unit contains two sections. Each of the sections contains two parallel-connected circuits. Each circuit contains an n-channel MOS transistor and a p-channel MOS transistor which drains are connected. The sources and drains of the n-channel MOS transistors of both the sections of the control units are connected to the common point of connecting the sources of the switch n-channel MOS transistors. The sources and drains of the p-channel MOS transistors of both the sections of the control units are connected to the positive terminal of the power supply unit.