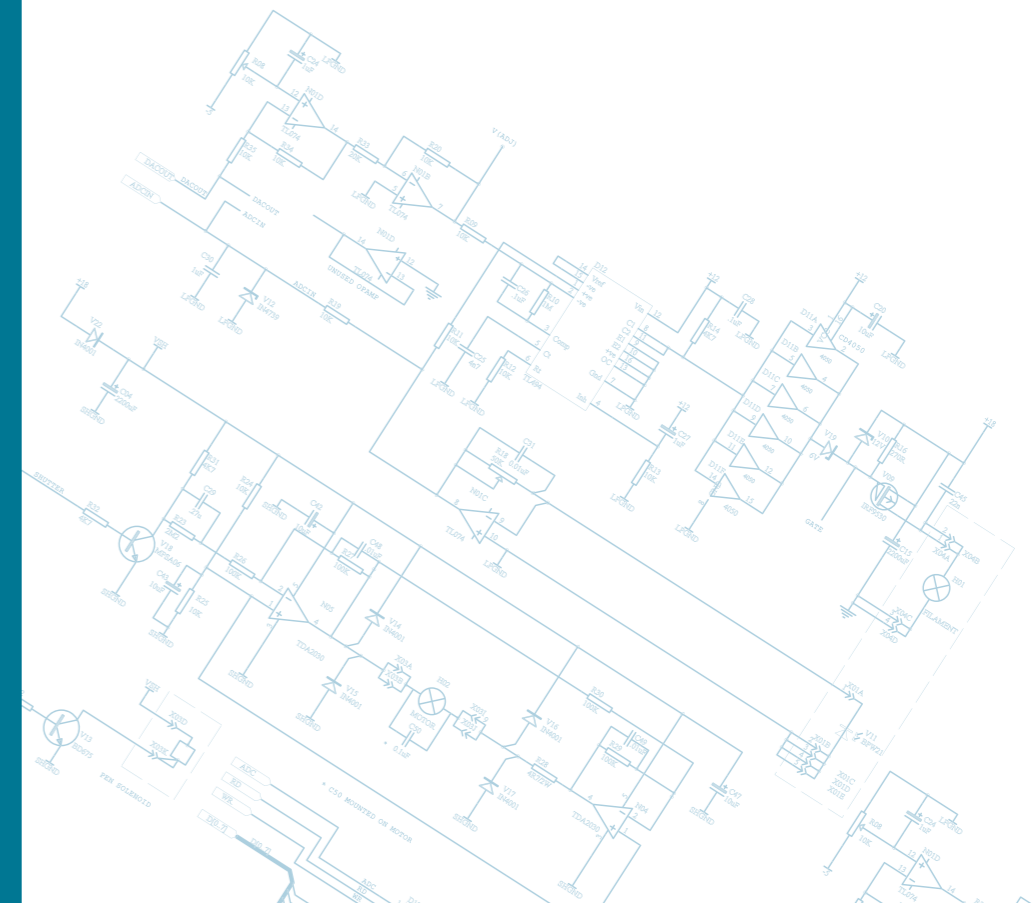


EasyPIC[®] 6

Schematic diagram

This document provides a electrical schematic of the EasyPIC6 development system. This device has been designed carefully and due attention has been paid to choosing components thereof. This is why the most important parts of the system are manufactured in SMD (Surface Mounting Device) technology. Besides, components are mounted by machines of the last generation using lead-free alloy for soldering. What we have now as a result is a high quality and reliable product that meets the world's highest standards being applied in electronics industry and environmental protection.



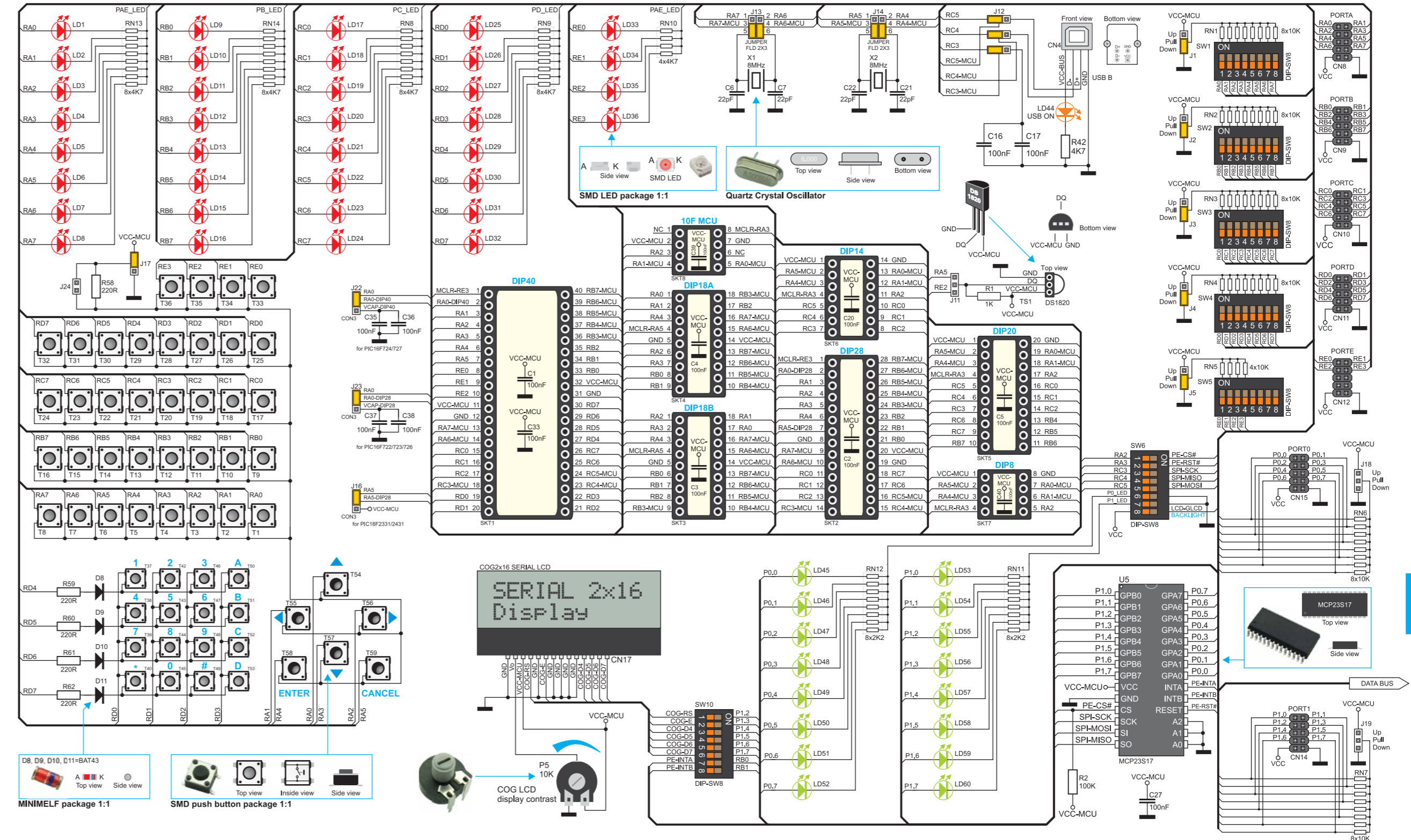
Development system

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Built-in SMD component cases overview

<p>Symbol</p> <p>1:1 Side view Top view</p> <p>0805</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>0805</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>ELCO10 SMD</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>ELCO B</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>Potentiometer</p>
<p>Symbol</p> <p>1:1 Side view Top view</p> <p>Ferrite 1206</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>IND-TPRH1207</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>IND 1812</p>	<p>Symbol</p> <p>1:1 Side view Inside view Top view</p> <p>PUSH BUTTON</p>	<p>Symbol</p> <p>1:1 Side view Inside view Top view</p> <p>Small push button</p>
<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SMD Quartz</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>D-214AC(SMA)</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SMD LED</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SMB</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>MINIMELF</p>
<p>Symbol</p> <p>1:1 1.EMITTER 2.BASE 3.COLLECTOR Side view Top view</p> <p>SOT23</p>	<p>Symbol</p> <p>1:1 1.EMITTER 2.BASE 3.COLLECTOR Side view Top view</p> <p>SOT23</p>	<p>Symbol</p> <p>1:1 1.GATE 2.DRAIN 3.SOURCE Side view Top view Bottom view</p> <p>TO-252AA</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SO8 - MC34063A</p>	<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SO16 - 74HC4053 HCF4053</p>

<p>Symbol</p> <p>1:1 Side view Top view</p> <p>SOIC28 - MCP23S17</p>	<p>J10 jumper positions</p> <p>Default position</p> <p>RB5 connected to PGM</p> <p>RB4 connected to PGM</p> <p>RB3 connected to PGM</p>	<p>Socket selection</p> <p>Default</p> <p>DIP40 DIP28 DIP18A DIP18B</p> <p>DIP20 DIP14 DIP8</p>	<p>Oscillator settings</p> <p>DIP40 DIP28 DIP18A DIP18B</p> <p>DIP20 DIP14 DIP8</p>	<p>Jumpers and selectors</p> <p>1 2 All pins are free</p> <p>1 2 Pins 1 and 2 are connected</p> <p>1 2 3 All pins are free</p> <p>1 2 3 Pins 1 and 2 are connected while 2 and 3 are disconnected</p>	<p>DIP switches</p> <p>Switches 1, 2, 3 and 4 are ON</p> <p>Switches 5, 6, 7 and 8 are OFF</p>
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Schematic continues overleaf