

The diagram shows the following components and connections:

- STM32F401 Nucleo:** The microcontroller board with pins VDD, PB8, PB9, PB15, PB14, PB13, and GND.
- Resistors:**
 - R1, R3: 4.7 kΩ, connected to VDD.
 - R2, R4, R5: 40 kΩ, connected to VDD.
 - R6, R7: 4.7 kΩ, connected to VDD.
 - R8-R10: 10 kΩ, connected to VDD.
 - R11: 1 kΩ, connected to VDD.
 - R12: 10 kΩ, connected to VDD.
 - R13: 4.7 kΩ, connected to VDD.
- Capacitors:**
 - C1: 0.1 μF, connected to VDD.
- LED (HL1):** Connected to the output of the DD1 (PCF8574AT) and the VDD line.
- Transistor (VT1, S8050):** Connected to the output of the DD1 and the VDD line.
- LCD1602 (HG1):** A 16x2 character LCD display with pins DB0-DB7, Vo, RS, RW, E, A, K, Vss, and Vdd.
- Switches:** SB1, SB2, SB3, and SA1.

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						Арифметичний пристрій		
Зм.	Арк.	№ докум.	Підп.	Дата		Лім.	Маса	Маштаб
Разроб.	Сільчук ВІ.							
Перев.								
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