

Soldering tweezers

Reference	Qty	Value	Footprint
Resistors			
R1,R22,R26	3	10k	SMD 0805
R2,R12,R14,R30,R32	5	1k	SMD 0805
R3,R7,R10,R15,R27,R29	6	10R	SMD 0805
R4,R11,R16,R28,R18,R34	6	100k	SMD 0805
R5,R6,R8,R9,R13,R19,R20,R21,R24,R25,R31	11	4k7	SMD 0805
R23	1	NC	SMD 0805
Capacitors			
C1,C4,C8,C11,C12,C13,C14,C15,C16,C18,C20	11	100nF	SMD 0805
C2,C19	2	10nF	SMD 0805
C3	1	1uF	SMD 1206
C5	1	220nF	SMD 1206
C6	1	10uF	SMD 1206
C7,C17	2	22uF	SMD 0805
C9,C10	2	1nF	SMD 0805
Crystal			
X1	1	32.768kHz, 6pF	Crystal 3x8mm
Diodes			
D1,D2,D3,D5,D7	5	M7	SMA DO214AC
D4,D8	2	Green	SMD 0805
D6	1	BAT54C	SMD SOT23
Transistors			
T1,T5	2	2N7002	SMD SOT23
T2,T4	2	AO3400	SMD SOT23
T3,T6	2	TPC8107	SMD SO08
Integrated circuits			
IC1	1	L7809	TO220V
IC2,IC6	2	OPA336NA	SMD SOT23-5
IC3	1	AMS1117-3.3	SMD SOT-223-3
IC4	1	24LC08	SMD SO08
IC5	1	STM32F103C4Tx	LQFP-48 7x7mm P0.5mm
Buzzer			
SP1	1	BUZZER	Buzzer D9.0mm P5.0mm 0905
Display			
DSP1	1	OLED I2C	Display OLED I2C 1.3 inch
Encoder			
ENC1	1	ROTARY ENCODER	Rotary Mechanical Encoder
Connectors			
CON1, CON2, CON5, CON7, CON11	5	PUMP PWR, DC PWR, PUMP SOLENOID, PUMP MOTOR, BATTERY	Connector PSH02 02P V
CON6, CON8, CON13	3	VDC JUMPER, SHAKE, NTC	Connector MA02 1
CON10	1	TIP	Connector GX16 7pin
CON12	1	Programmer	Connector MA04 1