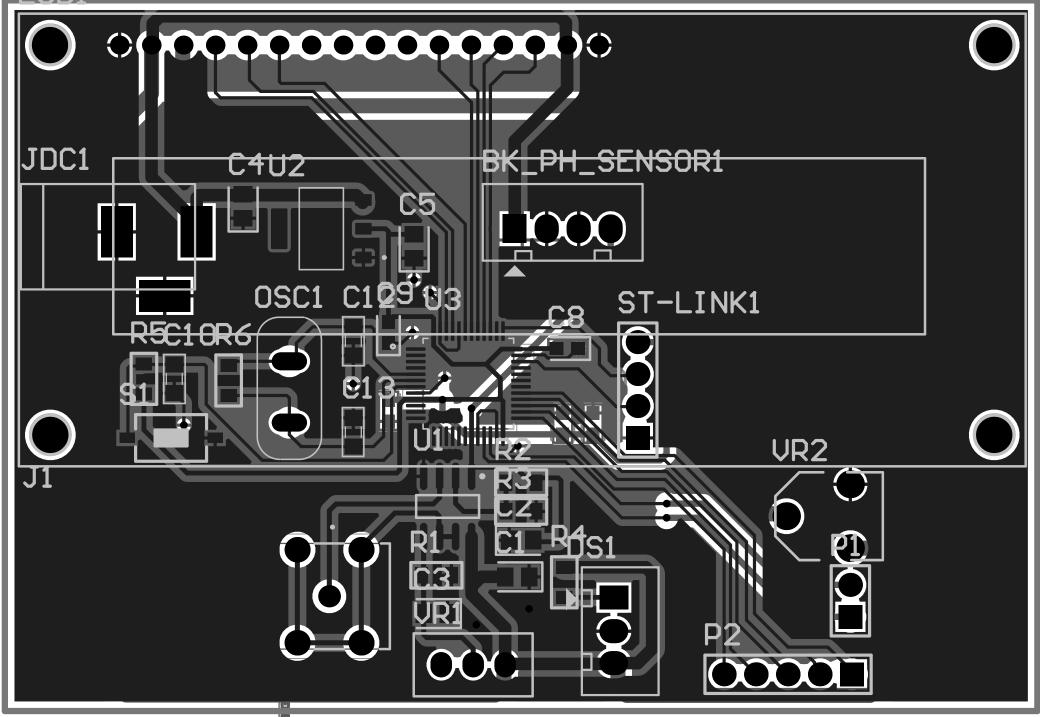


LCD1



Comment	Description	Designator	Footprint	LibRef	Quantity
JP4	Connector 4	BK_PH_SENSOR1	CON4	Con4	1
100nF	Capacitor	C1, C2, C3, C4, C5	C2012-0805	Capacitor	5
104	Capacitor	C6, C7, C8, C9	C1608-0603	Capacitor	4
104	Cap SMD	C10	SM-0805	CM	1
105	Capacitor	C11	C1608-0603	Capacitor	1
30pF	Cap SMD	C12, C13	SV-0805	CM	2
JP3	Connector 3	DS1	CON3	Con3	1
BNC5 - pH_Probe	BNC Connector Jack,	Л	SAMTEC_BNC5-J-P- GN-RA-BH2D	BNC5-J-P-GN-RA- BH2D	
	Female Socket 500hm				
	Panel Mount, Through				1
	Hole, Right Angle				
	Solder				
Jac DC	Jac DC input	JDC1	DC-IN	DCIN	1
LCD16x2A	LCD dipslay 16 char, 2	LCD1	LCD16X2	LCD16x2	1
	line				
Crystal2	Quarz Crystal	OSC1	Crystal.HC49/USxx	Crystal2	1
Header 2	Header, 2-Pin	P1	Header 2	Header 2	1
Header 5	Header, 5-Pin	P2	Header 5	Header 5	1
RESISTOR	Resistor	R1, R2, R3, R4, R5, R6	R-0805	RESISTOR	6
SW-SMD	Switch	S1	SW-SMD	SW-SMD	1
Header 4	Header, 4-Pin	ST-LINK1	Header 4	Header 4	1
TLE2142	Low-Power Dual	U1	SOIC8	LM2904	1
	Operational Amplifier				l l
AMS1117-3.3	Sot223/Pkg1-Amp3.3-	U2	SOT229P700X180-4N	AMS1117-3.3	1
	Volt Low Drop Out				
	Voltage Regulatator				
STM32F103C8T6	ARM®Cortex®M3	U3	QFP50P900X900X160- 48N	STM32F103C8T6	
	STM32F1				
	Microcontroller IC32-				
	Bit 72MHz64KB (64Kx				1
	8) FLASH 48-LQFP				
	(7x7)				
Variable Resistor	Variable Resistor	VR1	VRes-R	Variable Resistor	1
	Variable Resistor	VR2	VRes-C	Variable Resistor	1