

neOSensorV5.1

Reference(s)	Value	LibPart	Footprint
C1, C3	100nF	Device:C_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
C2	100µF 6.3v	Device:CP1_Small	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
C4, C5	1uF	Device:C_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
D1	Red	Device:LED_Small_ALT	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
H1, H2	3.2mm for MH3 screw	Mechanical:MountingHole_Pad	MountingHole:MountingHole_3.2mm_M3_Pad
J1, J2	Conn_01x04	Connector_Generic:Conn_01x04	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical
J3, J4, J5	Conn_01x05	Connector_Generic:Conn_01x05	Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical
J6	Conn_01x06	Connector_Generic:Conn_01x06	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical
Q1	2N7002	Transistor_FET:2N7002	Package_TO_SOT_SMD:SOT-23_Handsoldering
R1	150	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R2, R7, R9, R10, R11, R12, R21	15k	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R3, R5	470	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R4, R8	4K7	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R13, R14, R15, R18	22k	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R16, R17, R19, R20	33k	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
SW1	clear	neosensor_addon:G71Y	neosensor_addon:G71Y_µsw_smd
SW2	+	neosensor_addon:G71Y	neosensor_addon:G71Y_µsw_smd
SW3	-	neosensor_addon:G71Y	neosensor_addon:G71Y_µsw_smd
U1	HC-SR01	neosensor_addon:HC-SR01	neosensor_addon:PIR_HC-SR01
U2	OLED1.3_I2C	neosensor_addon:OLED1.3_I2C	neosensor_addon:OLED1.3_I2C
U3	ESP32_dev_30p	neosensor_addon:ESP32_dev_30p	neosensor_addon:ESP32_dev_30p
U4	AMS1117-3.3	Regulator_Linear:AMS1117-3.3	Package_TO_SOT_SMD:SOT-223-3_TabPin2
U5	LM2902	Amplifier_Operational:LM2902	Package_SO:SO-14_5.3x10.2mm_P1.27mm