

WallTiSingleBOM

Reference	Value	
U4	LM358P	
R9		560
R10	5.60k	
Q1	BC237	
D2	D	
Q2	BC307	
R11		220
C8	100nF	
R7	120k	
R8	120k	
C5	22pF	
Y1	16MHz Crystal	
C4	22pF	
D1	LED	
R1		220
U2	ATMEGA328-PU	
R2	10K	
J9	Speaker	
J1	Battery	
R5		330
R4		330
R3		330
R6		330
J2	Servo1	
J3	Servo2	
J4	Servo3	
J5	Ultrassom	
C2	10uF	
C1	10uF	
C3	330uF	
C9	470uF	
C7	2.2nF	
C6	10uF	
SW1	SW_Push	
U3	LM78xx	
U1	LM78xx	
R12	R	
R13	R	
J13	Parafuso	
J12	Parafuso	
J14	Parafuso	
J15	Parafuso	
J6	SerialConnection	
J7	LEDS	

Footprint

Datasheet

Housings_DIP:DIP-8_W7.62mm_Socket_LongPads
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 TO_SOT_Packages_THT:TO-92_Molded_Narrow
 Diodes_THT:D_DO-41_SOD81_P10.16mm_Horizontal
 TO_SOT_Packages_THT:TO-92_Molded_Narrow
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Capacitors_THT:C_Disc_D11.0mm_W5.0mm_P10.00mm
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Capacitors_THT:C_Disc_D5.0mm_W2.5mm_P5.00mm
 Crystals:Resonator-2pin_w10.0mm_h5.0mm
 Capacitors_THT:C_Disc_D5.0mm_W2.5mm_P5.00mm
 LEDs:LED_D5.0mm
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Housings_DIP:DIP-28_W7.62mm_Socket_LongPads
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Connectors:PINHEAD1-2
 Connectors:PINHEAD1-2
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Connectors:PINHEAD1-3
 Connectors:PINHEAD1-3
 Connectors:PINHEAD1-3
 Connectors:PINHEAD1-3
 Capacitors_THT:CP_Radial_D6.3mm_P2.50mm
 Capacitors_THT:CP_Radial_D6.3mm_P2.50mm
 Capacitors_THT:CP_Radial_D10.0mm_P5.00mm
 Capacitors_THT:CP_Radial_D10.0mm_P5.00mm
 Capacitors_THT:CP_Radial_D5.0mm_P2.00mm
 Capacitors_THT:CP_Radial_D6.3mm_P2.50mm
 Buttons_Switches_THT:SW_PUSH_6mm_h5mm
 TO_SOT_Packages_THT:TO-220_Vertical
 TO_SOT_Packages_THT:TO-220_Vertical
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
 Mounting_Holes:MountingHole_3.2mm_M3_DIN965_Pad
 Mounting_Holes:MountingHole_3.2mm_M3_DIN965_Pad
 Mounting_Holes:MountingHole_3.2mm_M3_DIN965_Pad
 Mounting_Holes:MountingHole_3.2mm_M3_DIN965_Pad
 Pin_Headers:Pin_Header_Straight_1x04_Pitch2.54mm
 Pin_Headers:Pin_Header_Straight_2x04_Pitch2.54mm