

SERVO_v1.0

Units	Value	Part	Description
10	100k	R 0204	[R_100k_0204_1%] Resistor 100k 0204 1%
9	1k	R 0204	[R_1k_0204_1%] Resistor 1k 0204 1%
9	100nF	ceramic capacitor	[CC_100N_508_50V_20%] Capacitor Ceramic 100n 508 50V 20%
6	10uF	electrolytic capacitor	[CE_10u_4X7_50V_20%] Capacitor Electrolytic 10u 4x7mm 50V 20%
4	1N4007	DIODE-D-7.5	[D_1N4007_DO41] Diode 1N4007 DO41
4	8 pin DIL	DIL socket	[ICS_D8] IC Socket DIP8
4	jack connector	PJ-301BMB	[CON_JCK_WQP-WQP518MA-BM_3.5_V_M] Connector Jack WQP-WQP518MA-BM 3.5mm Vertical Mono
4	W B100k 25mm	linear potentiometer	[POT_P_B100k_25KQ/W] Potentiometer Plastic B100k 25KQ/W
3	100mA	fuse	[F_PTC_100mA_508] Fuse PTC 100mA 508
2	22k	R 0204	[R_22k_0204_1%] Resistor 22k 0204 1%
2	2N3904	NPN	[TR_2N3904_TO92] Transistor 2N3904 TO92
2	6N137	IC (optoisolator)	[IC_6N137_DIP8] IC 6N137 DIP8
2	7805	voltage regulator	[VR_7805_TO220] Voltage Regulator 7805 TO220
1	28pin DIL	DIL socket	[ICS_D28] IC Socket DIP28
1	TL72	IC	[IC_TL072_DIP8] IC TL072 DIP8
1	MCP6002	IC	[IC_MCP6002_DIP8] IC MCP6002 DIP8
1	16MHz	resonator	[CRY_RESO_16MHZ_THT_254] Crystal Resonator 16MHz THT 254
1	ADC-010-1	power connector	[CON_POW_ADC-010-1_5.5/2.1_P_V] Connector Power ADC-010-1 5.5/2.1 Positive Vertical
1	32pin	male pinheader	[PH_M1X40_ST_8.6_2.54] Pin Header Male 1x40 Straight 8.6mm 2.54mm
1	21pin	female pinheader	[PH_F1X40_ST_8.4_2.54] Pin Header Female 1x40 Straight 8.4mm 2.54mm
1	2x8pin	double male pinheader	[PH_M2X40_ST_8.6_2.54] Pin Header Male 2x40 Straight 8.6mm 2.54mm