

CTM-SM01 (EN)

Reference	Quantity	Value	Type / Case / Spacing	Other
A1	1	Arduino Nano		
C1	1	220µF / 25V	Radial / D=6.3mm / P=2.5mm	
C2	1	220µF / 16V	Radial / D=6.3mm / P=2.5mm	
D1, D2, D3, D4, D10, D11, D12, D13	8	1N4007		
D5	1	1N4148		
D6, D8	2	Green LED	3mm	Or any other color
D7, D9	2	Red LED	3mm	Or any other color
J1, J2	2	Terminal screw 1x2	P=5.08mm	
J3, J8, J9, J10, J11	5	Terminal screw 1x3	P=5.08mm	Optional (if use of J4, J12, J13, J14, J15)
J5	1	Conn 1x4 pins	P=2.54mm	Optional (not implemented yet)
J4, J12, J13, J14, J15	5	Conn 1x3 pins	P=2.54mm	Optional (if use of J3, J8, J9, J10, J11)
J6, J7	2	Conn 1x3 pins for servos	P=2.54mm	
K1, K2	2	Relay HFD2 012-S-L2		
Q1, Q2, Q3, Q4	4	BC547	Inline / TO-92	
R1	1	1k / 1W		
R5, R6	2	10k / 0.25W		
R2, R3, R4, R7, R8	5	1k / 0.25W		
R9, R10, R11, R12	4	2.2k / 0.25W		
SW1, SW2, SW3	3	Embedded push button	6mm	
U1	1	6N137	DIP-8	
U2	1	LM7805	TO-220	
PCB	1	CTM-SM01		

Recommended options	Quantity	Value	Type / Case / Spacing	Other
A1	2	15 pins fem connector		
K1, K2	2	2x8 pins IC support	DIP-16	
U1	1	2x4 pins IC support	DIP-8	