

## PR25 Hardware List

No.	Component	Product Code	Unit
1	IC PIC16F876A	IC-PIC-16F876A	1
2	IC Socket-28 pin(slim)	IS-28PIN(S)	1
3	Crystal H49S (Low Profile) 20MHz	CR-H49S-20M	1
4	Voltage Regulator +5V	VR-7805	1
5	Diode 1N4007	DI-1N4007	1
6	Diode 1N4148	DI-1N4148	2
7	Electrolytic Capacitor 25V 100uF	CP-EC-25-100	2
8	Multilayer Capacitor 0.1uF	CP-MC-0.1UF	5
9	Ceramic Capacitor 30pF	CP-CC-30PF	2
10	Resistor 1/4W 330R	RS-025W-330R	2
11	Resistor 1/4W 10K	RS-025W-10K	3
12	Resistor 1/4W 100R	RS-025W-100R	2
13	Resistor 1/4W 1K	RS-025W-1K	2
14	Resistor 1/4W 4K7	RS-025W-4K7	1
15	2510 PCB Connector 2 Ways	CN-02-2510	2
16	2510 PCB Connector 4 Ways	CN-04-2510	2
17	Transistor 2N2222	TR-2N-2222	2
18	DC Plug (Adaptor Socket)	CN-HL-2527-B	1
19	6x6x1 Push Button 2 Pins	SW-PBM-2N-060601	3
20	LCD (16x2)	DS-LCD-JHD162A	1
21	Straight Pin Header(Male) 16 Ways	CN-PH-M140S	1
22	Mini Slide Switch (PCB)	SW-SL-2SC-040904	1
23	10 Ways Straight Box Header	CN-IDC-BOX-10	1
24	LED 3mm Green	DS-LED-3NG	1
25	LED 3mm Red	DS-LED-3NR	1
26	PCB for PR25	PCB-PR-025	1
27	5K Preset	RS-RM-065-5K	1
28	Diodes 1N5822	DI-1N5822	1
29	Songle SPDT Relay SRD 12V	RE-SO-SRD-12	1
30	RFID card	RFID-TAG-125-1A	1
31	Bolt M3x6mm	HD-PM-M3-6	4
32	M3 Nut	HD-PM-M3-NUT	4
33	Wiegand RFID Reader	RM-PR25-RFID	1
34	Magnetic Door Lock (Small)	HD-EMLOCK-S	1
	Optional		
35	UIC00A Programmer	UIC00A Programmer	1
36	AC to DC adaptor	AC to DC adaptor	1