

AC Relay – Bill of Materials

Rev.: 4

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Item	Designator	Description	Ordering code	Suplier	Manufacturer	Footprint	Qty.	Ordering code 2	Suplier 2	Value
1	U2	ESP8266	-	-	-	-	1	-	-	-
2	U3	Bloque AC/DC	HLK-PM01	-	Hi-link		1	HLK-PM01	HLK-PM01	5V output
3	Q1	Transistor	512-FDT86246L	Mouser	On Semiconductor	SOT-223-4	1	FDT86246L	On Semiconductor	
4	D1	Diodo	512-RGF1B	Mouser	On Semiconductor	DO-214AC	1	RGF1B	On Semiconductor	Vf = 1000v; If = 1A
5	K1	Relé	655-1-2071556-1	Mouser	TE Connectivity	-	1	1-2071556-1	TE Connectivity	
6	SW1	Pulsador	611-PTS647SN70SMTR2L	Mouser	C&K	4,5 x 4,5 mm	1	PTS647SN70SMTR2L	C&K	SPST
7	R1,R2,R3	Resistencia	279-CRGP0603F10K	Mouser	TE Connectivity	0603	3	CRGP0603F10K	TE Connectivity	10k
8	D2	LED verde	710-150060VS75000	Mouser	Wurth Electronics	0603	1	150060VS75000	Wurth Electronics	Vf = 2v; If = 20 mA
9	R4	Resistencia	754-RR0816Q-82R5D89R	Mouser	Susumu	0603	1	RR0816Q-82R5-D-89R	Susumu	82,5 Ohm
10	U1	Regulador voltaie	755-BU33SD5WG-TR	Mouser	ROHM Semiconductor	SOT-23-5	1	BU33SD5WG-TR	ROHM Semiconductor	3,3V
11	C1, C2	Condensador	77-VJ0603G474KXQPBC	Mouser	Vishay	0603	2	VJ0603G474KXQPW1 BC	Vishay	470nf
12	J2	Header pins	-	-	-	-	1	-	-	01 x 06 pin
13	J1,J3	Screw Terminal	651-1985920	Mouser	Phoenix Contact	2 x 5 mm	2	1985920	Phoenix Contact	I = 16A; V = 320v

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