



PICado

Bill of materials - PICado Alpha 2

pos	num	mark	description	value	supplier	part number	price p/pc	total price
1	1	BT1	Bluetooth Modul	HC-05	PICado	101010	3.50	3.50
2	2	C1, C2	tantalum capacitor Chip SMD 3216	10uF, 10V	PICado	102010	0.80	1.60
4	4	C6, C7, C8, C5	ceramic capacitor Chip SMD 0603	100nF	PICado	102012	0.01	0.04
5	5	R1- R4, R15	resistor Chip SMD 1% 0.1W 0805	200E	PICado	103010	0.01	0.05
7	1	R8	resistor Chip SMD 1% 0.1W 0805	470E	PICado	103012	0.01	0.01
8	7	R5-R7, R10-R12, R14	resistor Chip SMD 1% 0.1W 0805	10k	PICado	103013	0.01	0.10
9	2	R9, R13	resistor Chip SMD 1% 0.1W 0805	5.1k	PICado	103014	0.01	0.02
10	3	S1 - S3	Print button	FSM-2J-SMA	PICado	104010	0.10	0.30
11	1	U1	Microcontroller PIC(TQFP-80)	PIC18F8722-I/P	PICado	105010	8.40	8.40
12	1	U2	LDO - voltage regulator	LM1117 / 3.3 V	PICado	106010	0.30	0.30
13	5	V1, V2, V3, V4, V5	MOSFET, N-channel	IRFML8244TRPBF	PICado	106011	0.20	1.00
14	5	V10, V6 -V9	SMD LED 0805	SSC-SFT825N-S	PICado	107010	0.30	1.50
15	2	X1, X2	Pin Header female	20P	PICado	108010	0.15	0.30
16	1	X3	Micro USB SMD Connector	5P	PICado	108011	0.30	0.30
17	1	X8	Pin Header male	6P, 90°	PICado	108012	0.10	0.10
17	1		PICado Alpha 2 PCB	PCB	PICado	108012	2.48	2.48
18	1		production, assembly, development, packaging, marketing, web hosting	PICado	PICado	200000	0.00	0.00

total:

20.00