

BILL OF MATERIAL 4 CHANNEL “ TXS 2190 “ 433,92 MHZ

01	01	Res. R1	47 Kohm	1/16W	0805
02	02	Res. R2,R4	100 Kohm	1/16W	0805
03	03	Res. R3,R6,R7	1 Kohm	1/16W	0805
04	01	Res. R5	4,7 Kohm	1/16W	0805
05	01	Res. R8	100 Kohm	1/16W	0805
06	01	Res. R9	680 ohm	1/16W	0805
07	01	Res. R10	470 ohm	1/16W	0805
08	01	Res. R13	470 Kohm	1/16W	0805
09	01	Cond. cer. C1	100 KpF	50 V	0805
10	01	Cond. cer. C2	15 pF	50 V	0805
11	02	Cond. cer. C3	4,7 pF	50 V	0805
12	01	Cond. cer. C4	10 pF	50 V	0805
13	01	Cond. cer. C5	4,7 - 5,6 pF	50 V	0805
14	02	Cond. cer. C6	15 - 10 pF	50 V	0805
15	01	Cond. cer. C7	100	1/16W	0805
16	01	Cond. cer. C10	180 pF	50 V	0805
17	01	Cond. cer. C8	3,9 - 4,7 pF	50V	0805
18	01	Cond. cer. C9	1,5 - 3,3 pF	50V	0805
19	01	Ind. L1	22 nH		1210
20	01	Ind. L2	47 nH		1210
21	04	Diode D1/D4	BAV 70	70 V	SOT 23
22	01	Diode Led DL1	LS R976 Hyper Red		0805
23	01	Diode Zener DZ1	5,6V	1/2W	SOD 80
24	01	I.C. U1	PIC16F630-I/SN		SOIC14
25	01	Transistor. TR1	BC 857B	PNP	SOT 23
26	02	Transistor. TR2,TR3	BC 817B	NPN	SOT 23
27	01	Transistor. TR4	BC 847B	NPN	SOT 23
28	01	Transistor. TR5	BFR 93A	NPN	SOT 23
29	01	Resonator QZ1	AVX PARS433.92K-04R	433,92	SM - 2
30	04	keys T1/T4	EVQ PAG 07M		TRAD
31	01	Connector CN1	MLX 22035055	5 vie	TRAD
32	01	Battery holder DX	da c.s.		
33	01	Battery holder SX	da c.s.		
34	01	Alkaline battery	12 V mod. 23A		
35	01	Printed circuit FR4 met. Sp. 1,0 mm	TX 2190-1		
36	01	Plastic bottom	TX 2190		
37	01	Plastic cover “4 channels version”	TX 2190		
38	01	Battery plastic cover	TX 2190		
39	01	“4 channel version” keys cover	TX 2190		
40	01	Transparent light diffusor	TX 2190		
41	01	Test label			
42	01	3M omologation label			
43	01	9 languages technical manual	TX 2190		
44	01	Paper box			
45	01	Stroke code label	5,5 x 1,5 mm.		
46	01	Paper box label	71 x 36 mm.		

BILL OF MATERIAL 2 CHANNEL " TXS 2190 " 433,92 MHZ

01	01	Res. R1	47 Kohm	1/16W	0805
02	02	Res. R2,R4	100 Kohm	1/16W	0805
03	03	Res. R3,R6,R7	1 Kohm	1/16W	0805
04	01	Res. R5	4,7 Kohm	1/16W	0805
05	01	Res. R8	300 Kohm	1/16W	0805
06	01	Res. R9	11 Kohm	1/16W	0805
07	01	Res. R10	470 ohm	1/16W	0805
08	01	Res. R13	470 Kohm	1/16W	0805
09	01	Cond. cer. C1	100 KpF	50 V	0805
10	01	Cond. cer. C2	15 pF	50 V	0805
11	02	Cond. cer. C3,C9	3,9 pF	50 V	0805
12	01	Cond. cer. C4	22 pF	50 V	0805
13	01	Cond. cer. C5	5,6 pF	50 V	0805
14	02	Cond. cer. C6,C8	1,5 pF	50 V	0805
15	01	Cond. cer. C7	8,2 pF	50 V	0805
16	01	Cond. cer. C10	180 pF	50 V	0805
17	01	Ind. L1	22 nH		1210
18	01	Ind. L2	47 nH		1210
19	02	Diode D1,D2	BAV 70	70 V	SOT 23
20	01	Diode Led DL1	LS R976 Hyper Red		0805
21	01	Diode Zener DZ1	5,6V	1/2W	SOD 80
22	01	I.C. U1	PIC16F630-I/SN		SOIC14
23	01	Transistor. TR1	BC 857B	PNP	SOT 23
24	02	Transistor. TR2,TR3	BC 817B	NPN	SOT 23
25	01	Transistor. TR4	BC 847B	NPN	SOT 23
26	01	Transistor. TR5	BFR 93A	NPN	SOT 23
27	01	Resonator QZ1	AVX PARS433.92K-04R	433,92	SM - 2
28	02	Keys T1,T2	EVQ PAG 07M		TRAD
29	01	Connector CN1	MLX 22035055	5 vie	TRAD
30	01	Battery holder DX	da c.s.		
31	01	Battery holder SX	da c.s.		
32	01	Alkaline battery	12 V mod. 23A		
33	01	Printed circuit FR4 met. Sp. 1,0 mm	TX 2190-1		
34	01	Bottom plastic cover	TX 2190		
35	01	"2 channel version" plastic cover	TX 2190		
36	01	Battery plastic cover	TX 2190		
37	01	"2 channel version" keys cover	TX 2190		
38	01	Trasparent light diffusor	TX 2190		
39	01	Test label			
40	01	3M omologation label			
41	01	9 languages technical manual	TX 2190		
42	01	Paper box			
43	01	Strokes codes label	5,5 x 1,5 mm.		
44	01	Paper box label	71 x 36 mm.		