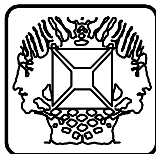


velleman-kit

HIGH-Q



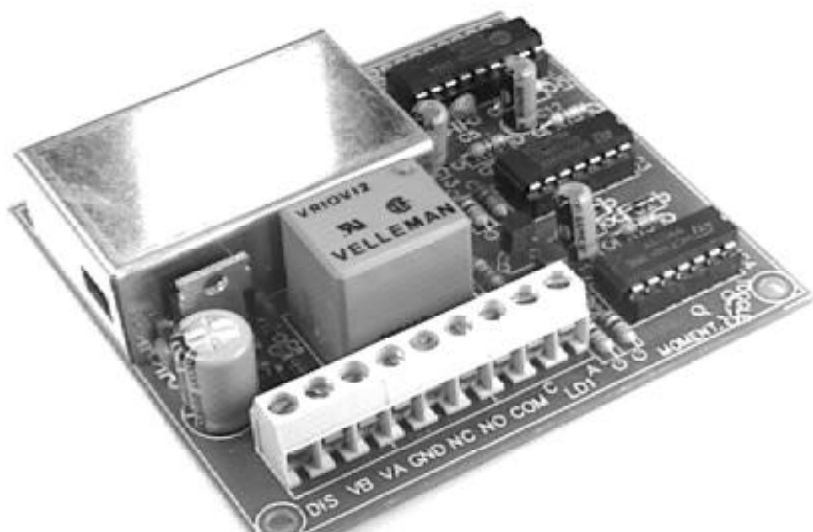
K6709

INFRARED CODELOCK RECEIVER

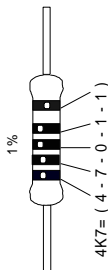
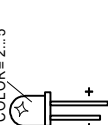
FOR K6706

- Operates in conjunction with the K6708 IR-transmitter
- 8.748 possible codes
- Range of the transmitter/receiver: +/-7m
- LED on/off indication
- LED receiving indicator
- Relay output: 10A toggle or momentary contact
- Separate output to switch car alarm on or off
- Power supply: 2 x 9VAC or 12 to 16VDC / 100mA max.
- Dimensions (WxLxH): 76 x 84 x 30mm
- Dimensions Pre-Amplifier(WxLxH): 32 x 50 x 22mm

modifications reserved

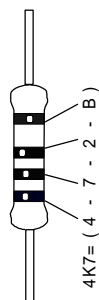


COLOR= 2...5



4K7 = (4 - 7 - 0 - 1 - 1)

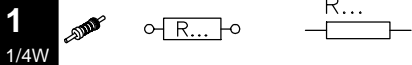
5%



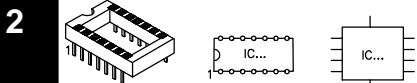
4K7 = (4 - 7 - 2 - B)

	I	P	E	SF	S	DK	N	D	GB	F	NL
C O D E	CODICE COLORE	CODIGO DE CORES	CODIGO DE COLORES	VÄRI KOODI	FÄRG SCHEMA	FARVE-KODE	FARGE-KODE	FARB KODE	COLOUR CODE	CODIFICATION DES COULEURS	KLEUR KODE
0	Nero	Preto	Negro	Musta	Svart	Sort	Sort	Schwarz	Black	Noir	Zwart
1	Marrone	Castanho	Marrón	Ruskea	Brun	Brun	Brun	Braun	Brown	Brun	Bruin
2	Rosso	Encarnado Rojo		Punainen	Röd	Röd	Röd	Rot	Red	Rouge	Rood
3	Aranciato	Laranja	Naranja	Oranssi	Orange	Orange	Orange	Orange	Orange	Orange	Oranje
4	Giallo	Amarelo	Amarillo	Keltainen	Gul	Gul	Gul	Gelb	Yellow	Jaune	Geel
5	Verde	Verde	Verde	Vihreä	Grön	Grøn	Grønn	Grün	Green	Vert	Groen
6	Blu	Azul	Azul	Sininen	Blå	Blå	Blå	Blau	Blue	Bleu	Blauw
7	Viola	Violeta	Morado	Purppura	Lila	Violet	Violet	Violet	Purple	Violet	Paars
8	Grigio	Cinzeno	Gris	Harmaa	Grå	Grå	Grå	Grau	Grey	Gris	Grijs
9	Bianco	Branco	Bianco	Valkoinen	Vit	Hvid	Hvidt	Weiss	White	Blanc	Wit
A	Argento	Prateado	Plata	Hopea	Silver	Sølv	Sølv	Silber	Silver	Argent	Zilver
B	Oro	Dourado	Oro	Kulta	Guld	Guld	Guldi	Gold	Gold	Or	Goud

A P6709R



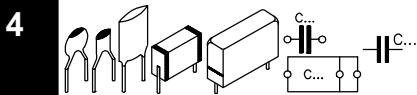
R1, R2: 47 (4-7-0-B)
R3, R4: 10K (1-0-3-B)
R5: 100K (1-0-4-B)
R6, R7: 1M (1-0-5-B)
R8: 33K (3-3-3-B)
R9: 1K (1-0-2-B)



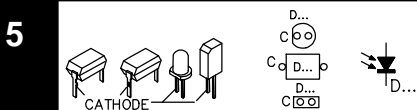
IC1: 14P



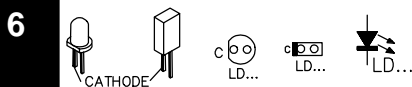
+V, OUT, 

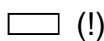


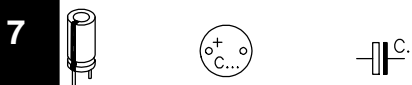
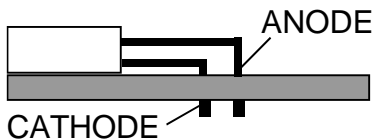
C1: 4n7 (472)



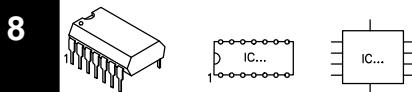
D1: BPW41 (!)



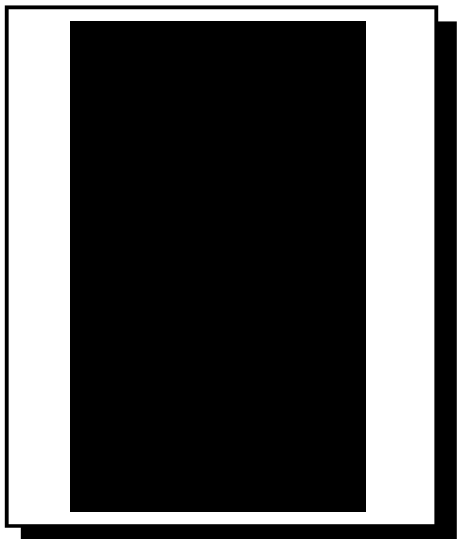
LD1:  (!)



C2: 1 μ F (!)
C3, C4: 22 μ F (!)

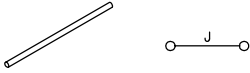


IC1: LM124, 224 or 324 (!)



P6709

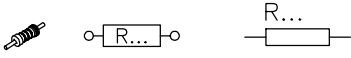
1



J

2

1/4W



R10: 470K (4-7-4-B)

R11, R12: 47K (4-7-3-B)

R13: 470 (4-7-1-B)

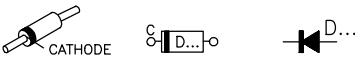
R14...R17: 10K (1-0-3-B)

R18: 220K (2-2-4-B)

R19: 680 (6-8-1-B)

R20, R21: 100K (1-0-4-B)

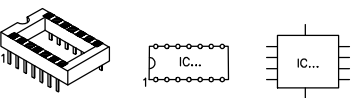
3



D2... D6: 1N4148 !

D7, D8: 1N4000 ... 4007 !

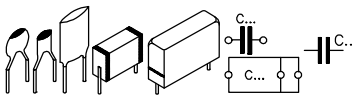
4



IC2: 18P

IC3, IC4: 14P

5



C5: 100pF (101)

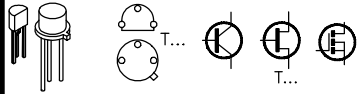
C6, C7: 100nF (104, μ 1)

6



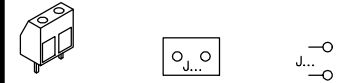
+V, OUT, 

7



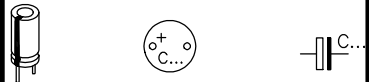
T1, T2: BC547

8



J1... J3: 3P !

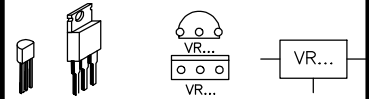
9



C8... C11: 1 μ F !

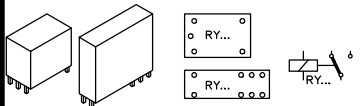
C12: 470 μ F !

10



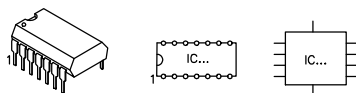
VR1: 7809 (!)

11



RY1: VR15M12IC

12



IC2: UM3758-120A

IC3: CD4013

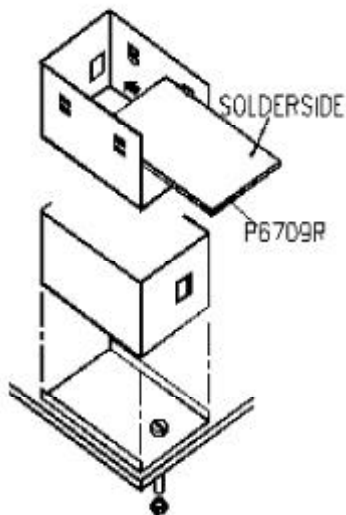
IC4: CD40106

13

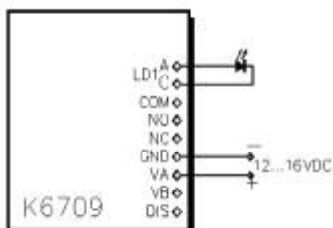
CODE !



14



15



16

