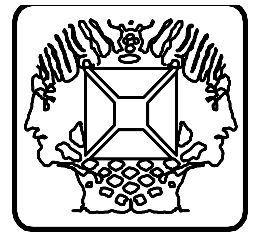


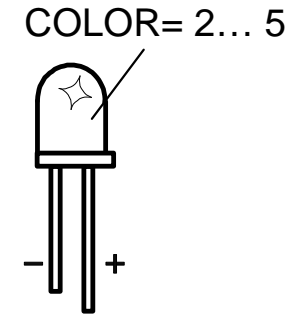
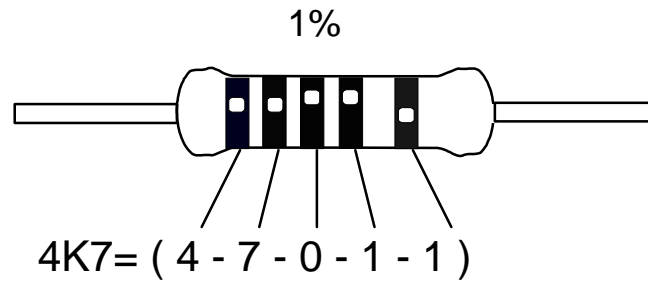
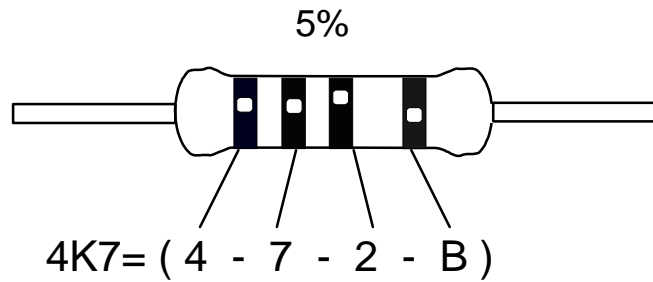
velleman-**kit**

HIGH-Q



HAND-HELD SCOPE K7105

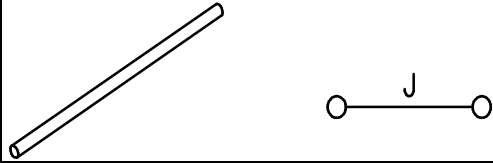




C O D E	I	P	E	SF	S	DK	N	D	GB	F	NL	C O D E
	CODICE COLORE	CODIGO DE CORES	CODIGO DE COLORES	VÄRI KOODI	FÄRG SCHEMA	FARVE KODE	FARGE KODE	FARB KODE	COLOUR CODE	CODIFI- CATION DES COU- LEURS	KLEUR KODE	
0	Nero	Preto	Negro	Musta	Svart	Sort	Sort	Schwarz	Black	Noir	Zwart	0
1	Marrone	Castanho	Marrón	Ruskea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



1



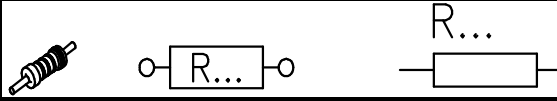
J
J! (S)

2



R1: 39K (3-9-0-2 - 1)
R2: 910K (9-1-0-3 - 1)
R3: 510 (5-1-0-0 - 1)
R4: 47K (4-7-0-2 - 1)
R5: 27 (2-7-0-B -)
R6: 100 (1-0-0-0 - 1)
R7: 2K4 (2-4-0-1 - 1) (S)
R8: 47 (4-7-0-B - 1)
R9: 180 (1-8-0-0 - 1)
R10: 47 (1-5-0-B- 1)
R11: 560 (5-6-0-0 - 1)
R12: 750 (7-5-0-0 - 1)
R13: 2K4 (2-4-0-1 - 1)
R14: 4K7 (4-7-0-1 - 1)

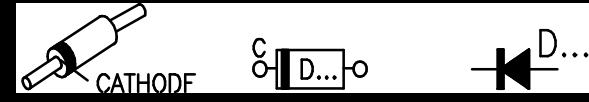
3



R15: 15 (1-5-0-B) (S)
R16, R17: 330 (3-3-1-B)
R18...R25: 47K (4-7-3-B)
R26: 33K (3-3-3-B)
R27: 47K (4-7-3-B)
R28: 1K2 (1-2-2-B) (S)
R29...R35: 1K (1-0-2-B)
R36, R37: 27K (2-7-3-B)
R38, R39: 4.7 (4-7-B-B)
R40: 10 (1-0-0-B)
R41.. R43: 1K (1-0-2-B)

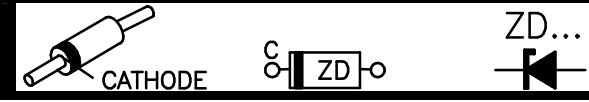
R44: 330 (3-3-1-B)
R45: 1K (1-0-2-B)
R46...R48: 10K (1-0-3-B)
R49: 4K7 (4-7-2-B)
R50... R53: 10K (1-0-3-B)
R54... R56: 100K (1-0-4-B)
R57: 4K7 (4-7-2-B)

4



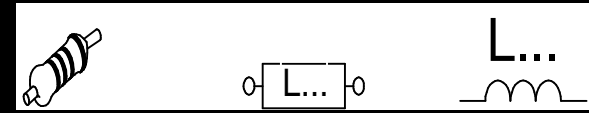
D1: BAS45 (!)
D2...D5: 1N4148 (!)
D6: 1N4148 (!) (S)
D7... D11: 1N4148 (!)
D12, D13: BAT85 (!)
D14, D15: 1N4000...1N4007 (!)

5



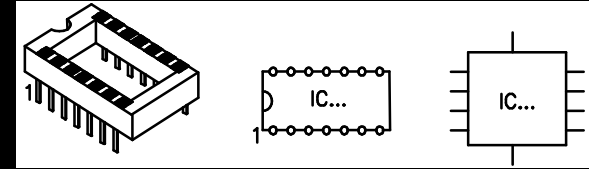
ZD1: 5V6 (!)
ZD2: 9V1 (!) (S)
ZD3... ZD10: 5V6, SA5.0 .. (!) (S)
ZD11: 6V8, PK6KE6.8 ... (!) (S)
ZD12: 5V6 (!)

6

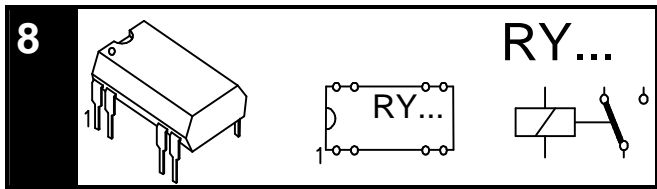


L1...L4: 220μH (2-2-1-A)

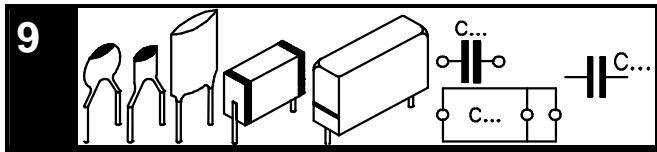
7



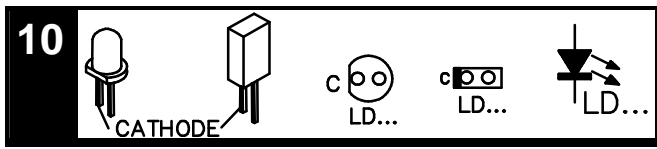
IC1...IC4: 8P
IC5, IC6: 16P
IC7: 24P
IC8: 40P



RY1: VR05R051C (!)

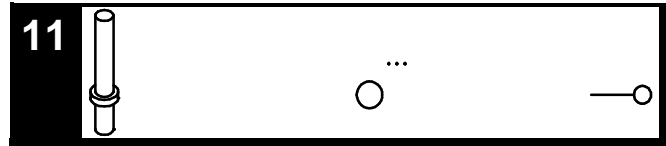


C1: 22p
 C2: 12 - 18p
 C3, C4: 22p
 C5: 100p (101)
 C6: 100p (101)
 C7: 270 - 330p (271 - 331)
 C8: 1n5 (152 - 1500)
 C9...C11: 8n2 (822 - 8200)
 C12: 10n (103 - μ 01)
 C13: 47n (473 - μ 047)
 C14,C18,C19,C24, C26:
 100n (104 , μ 1) (**S**)
 C15... C17, C20...C23, C25:
 100n (104 - μ 1)
 C27, C28: 100n (104 - μ 1)
 C29, C30: 470n (474 - μ 47)

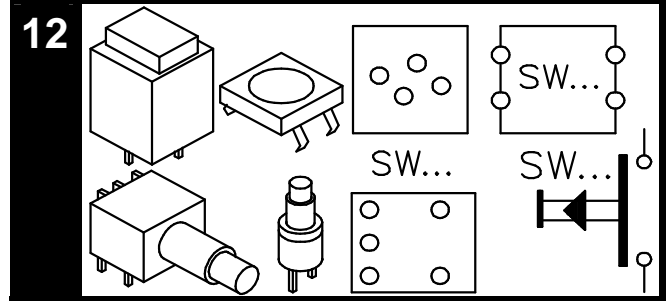


LD1: 3mm (2) (!)

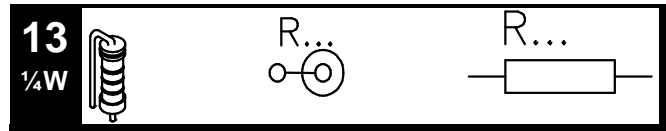
 LD2: 3mm (2) (!) (**S**)



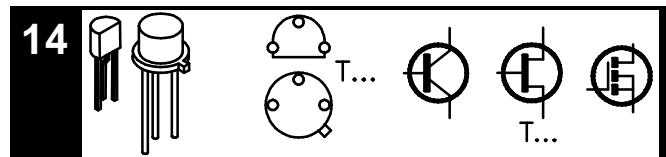
TP2...TP8



SW1
 SW2
 SW3 (!)
 SOLDERSIDE



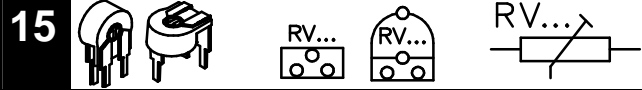
R58: 100K (1-0-4-B)
 R59: 1K (1-0-2-B)
 R60: 10K (1-0-3-B)
 R61: 15K (1-5-3-B)
 R62: 82K (8-2-3-B)
 R63: 1M (1-0-5-B)
 R64: 10K (1-0-3-B)
 R65: 4K7 (4-7-2-B)



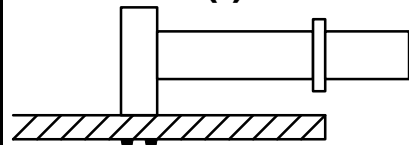
T1...T6: BC547 or EQ.
 T7...T9: BC557 or EQ.
 T10, T11: BC327 or EQ.



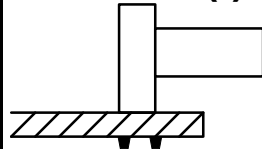
T12, T13: BC337 or EQ.



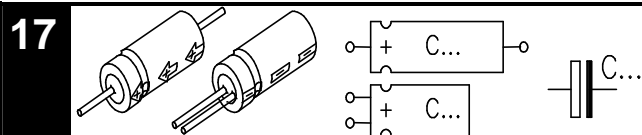
RV1: 22K (25K)
RV2: 100
RV3, RV4: 1K
RV7: 100K
RV5: 10K (!)



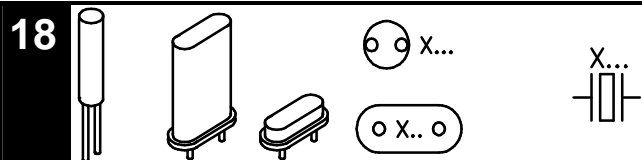
RV6: 10K (!)



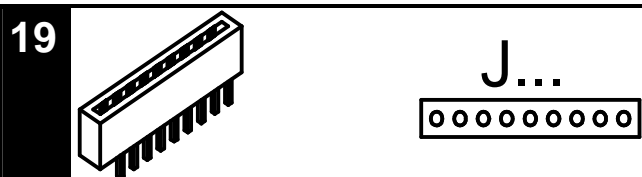
CV1: 22p
CV2: 100p



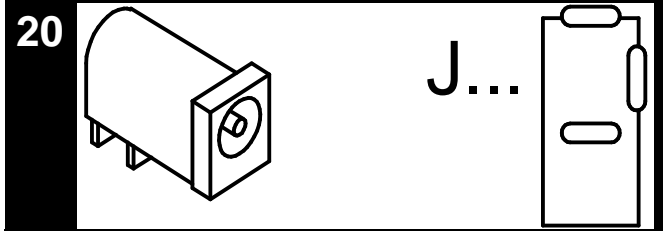
C48...C50: 220μ (!) (S)



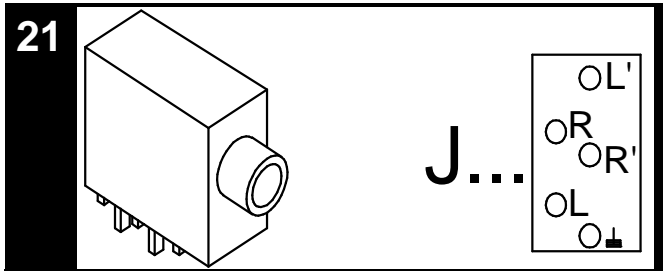
X1: 20Mc



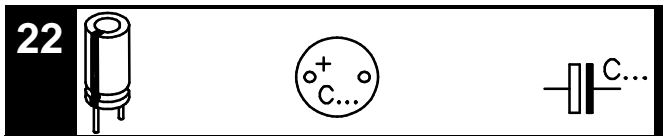
J1: 8P



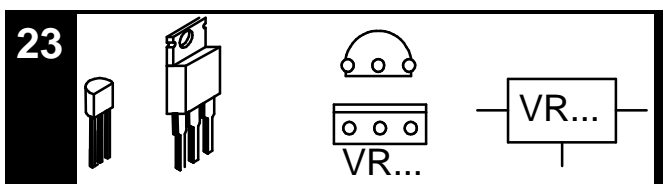
J2: DC-JACK



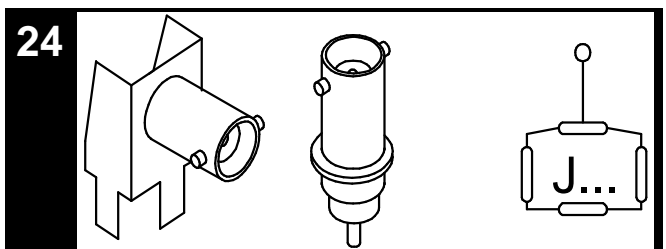
J3: 3,5mm JACK



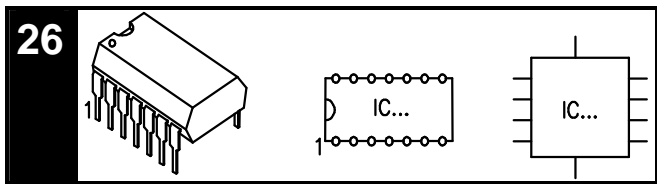
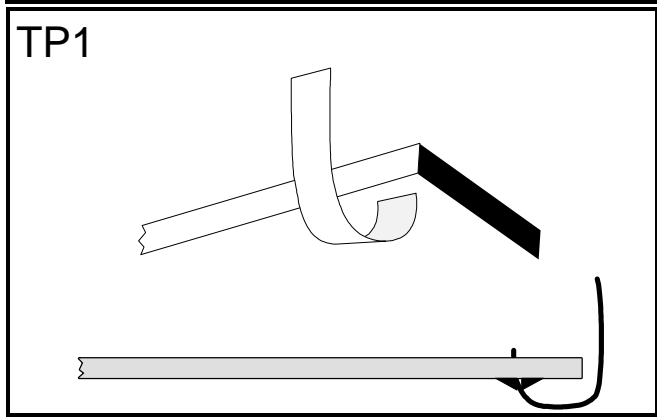
C31...C34: 1μ (!)
C35...C39: 4μ7 (!)
C40...C44: 100μ (!)
C45, C46: 470μ (!)
C47: 1000μ (!)



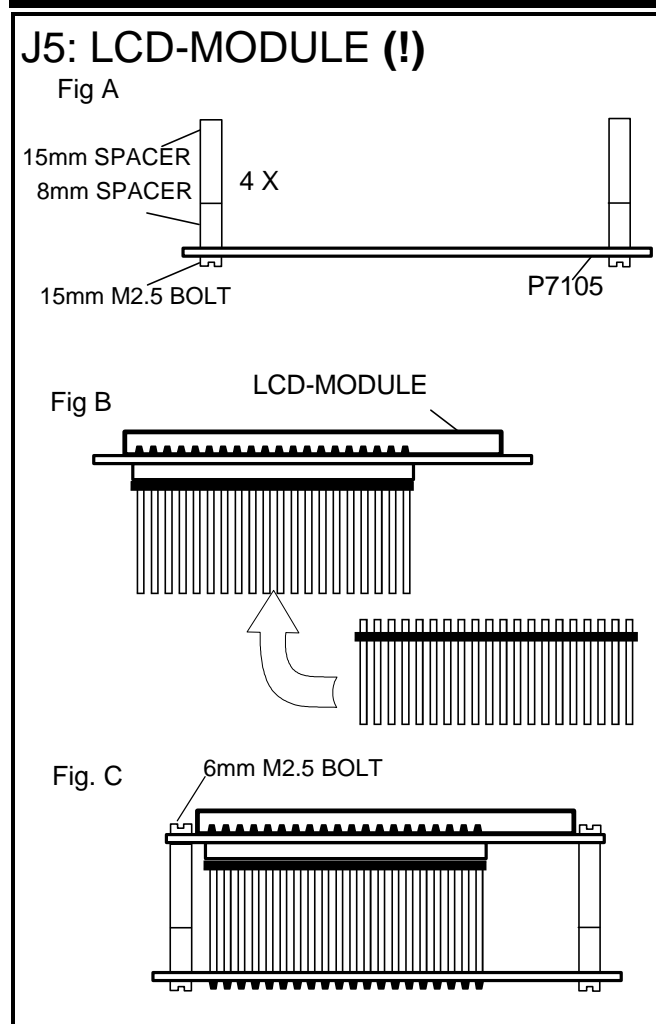
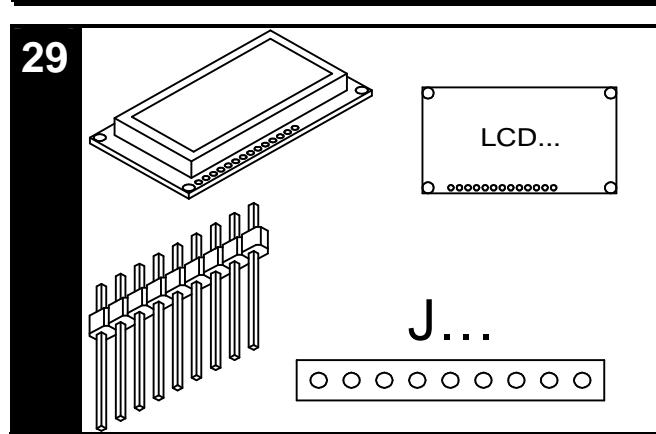
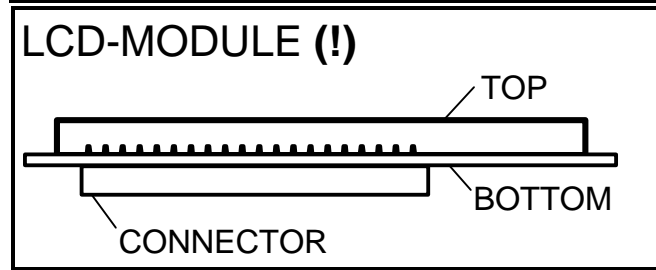
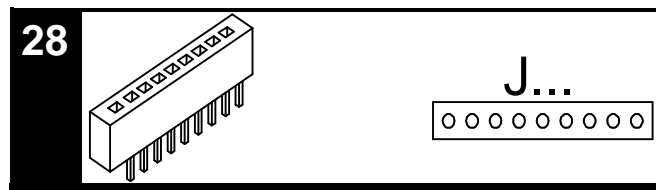
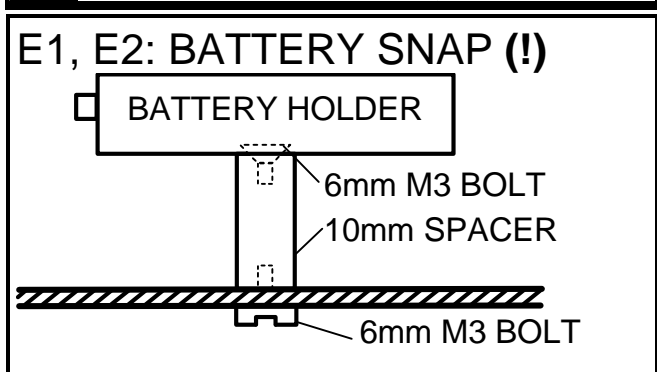
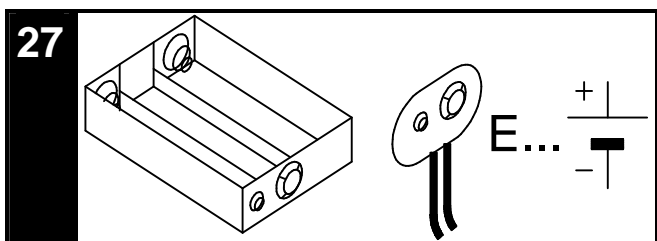
VR1: 7805 (!)



J4: BNC (!)



IC1: LF357 (!)
 IC2: 741 (!)
 IC3: 311 (!)
 IC4: 358 (!)
 IC5: 74HC4052 (!)
 IC6: 4052 (!)
 IC7: TDA8703 (!)
 IC8: VK7105 / PIC16C65 (!)





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