



STS mini Kit Parts list (1)

All the components in this list are included in the kit
Tous les composants de cette liste sont inclus dans le kit

Reference	Value	Qty	Description	Marking	Dim (2)	Manuf.
R24 x2	5R6	2	Resistor 5%, 1/4W	GRN-BLU-GLD-GLD or GRN-BLU-BLK-SLV-BRN		
R27, R28 x2	10R	4	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN or BRN-BLK-BLK-GLD-BRN		
R45, R46 x2	22R	4	Resistor 1%, 1/4W	RED-RED-BLK-GLD-BRN		
R7, R8, R17, R18, R36, R37 x2	47R	12	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN or YEL-VIO-BLK-GLD-BRN		
R32 x2	82R	2	Resistor 1%, 1/4W	GRY-RED-BLK-GLD-BRN		
R30, R31 x2	120R	4	Resistor 1%, 1/4W	BRN-RED-BRN-BRN or BRN-RED-BLK-BLK-BRN		
R15, R26 x2	1K	4	Resistor 1%, 1/4W	BRN-BLK-RED-BRN or BRN-BLK-BLK-BRN-BRN		
R34 x2	1K2	2	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN		
R10, R11, R25, R39, R40 x2	2K2	10	Resistor 1%, 1/4W	RED-RED-RED-BRN or RED-RED-BLK-BRN-BRN		
R22, R42, R43 x2	3K3	6	Resistor 1%, 1/4W	ORG-ORG-RED-BRN or ORG-ORG-BLK-BRN-BRN		
R20, R21 x2	4K7	4	Resistor 1%, 1/4W	YEL-VIO-RED-BRN or YEL-VIO-BLK-BRN-BRN		
R16, R33, R35, R41 x2	5K6	8	Resistor 1%, 1/4W	GRN-BLU-RED-BRN or GRN-BLU-BLK-BRN-BRN		
R4, R6 x2	6K8	4	Resistor 1%, 1/4W	BLU-GRY-RED-BRN or BLU-GRY-BLK-BRN-BRN		
R3, R5, R9, R14, R19, R23, R38, R44 x2	10K	16	Resistor 1%, 1/4W	BRN-BLK-ORG-BRN or BRN-BLK-BLK-RED-BRN		
R1, R2, R47, R48, R49 x2	47K	10	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN		
R12, R13 x2	100K	4	Resistor 1%, 1/4W	BRN-BLK-YEL-BRN or BRN-BLK-BLK-ORG-BRN		
R29 x2	120R	2	Resistor 1%, 1W	BRN-RED-BRN-GLD		
C17, C21, C29 x2	47p-100V	6	Capacitor Ceramic	no marking or 470	R2.5	
C1, C2, C37, C38 x2	470p-100V	8	Capacitor Ceramic	471	R5	
C12 x2	220p-100V	2	Capacitor Film	220	R2.5	Wima
C25, C27 x2	1n5-100V	4	Capacitor Film	1500	R5	Wima
C11, C22, C26 x2	6n8-100V	6	Capacitor Film	6800	R5	Wima
C3, C6, C33, C36 x2	470n-100V	8	Capacitor Film	u47	R7.5	Epcos
C4, C5, C7, C8, C9, C10, C13, C14, C15, C30 x2	33u-35V	20	Capacitor Electro Low ESR, 105°		D5R2	
C16, C23, C24, C28, C31, C32, C34, C35 x2	120u-25V	16	Capacitor Electro Low ESR, 105°		D6.3R2.5	
C18 x2	100u-63V	2	Capacitor Electro Low ESR, 105°		D8R3.5	
C19, C20	330u-25	2	Capacitor Electro Low ESR, 105°		D8R3.6	
C44, C47	1000u25V	2	Capacitor Electro Low ESR, 105°		D10R6	
L1, L2 x2	22mH	4	Inductor	223J		
H1, H2 x2		4	Simulation coil			
D1, D2 x2	Zener 2V4	4	1/2W Zener diode			
D3, D4 x2	1N914	4	Signal diode			
Q1 x2	BD139	2	NPN power transistor			
Q2 x2	BD140	2	PNP power transistor			
U1, U2, U3 x2	NE5532A	6	Dual Op-Amp			
U4 x2	THAT 1646	2	Balanced line driver			

CN4 x2		2	SIL 2.54 connector 4 pins		
IC socket	8 pins	8	IC socket		
TP1, TP2, TP3 x2, V+, V-, 0V		11	Test pin		
Main PCB	STS PCB	1	PCB		
Peak-meter	VUM16	2	Peak meter 16 LEDs Kit		

(1) Data can be changed without notice

(2) Rx : spacing between leads or pins=x, Dx : diameter=x, Lx : Pot spindle length=x, Dimensions in mm unless differently stated

(1) Les donnée peuvent être modifiées sans préavis

(2) Rx : distance entre les pattes=x, Dx : diamètre=x, Lx : longueur axe du potentiomètre=x, Dimensions en mm sauf mention contraire

Schematic Rev 1.4

PCB Rev 1.4

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