



STS 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		
R26 x2	1K	2	Resistor 1%, 1/4W	BRN-BLK-RED-BRN or BRN-BLK-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		
R42, R43 x2	3K3	4	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		
R15, R22, R30, R31, R32, R34 x2	TBD	12	Resistor 1%, 1/4W			
R29 x2	TBD	2	Resistor 1%, 1W			
C17, C21, C29 x2	47p-100V	6	Capacitor Ceramic		R2.5	
C39a, C40a	100n-100V	2	Capacitor Ceramic	104	R5	
C12 x2	220p-100V	2	Capacitor Film	220	R5	Wima
C1, C2, C37, C38 x2	470p-100V	8	Capacitor Film	470	R2.5	Wima
C25, C27 x2	1n5-100V	4	Capacitor Film	1500	R5	Wima
C26 x2	6n8-100V	2	Capacitor Film	6800	R5	Wima
C3, C6, C33, C36 x2	470n-100V	8	Capacitor Film	u47	R7.5	Epcos
C11, C22 x2	TBD	4	Capacitor Film			
C7, C8, C9, C10, C13, C14, C15, C30 x2	33u-35V	16	Capacitor Electro Low ESR, 105°		D5R2	Nichicon
C4, C5 x2	33u-63V	4	Capacitor Electro Low ESR, 105°		D6.3R2.5	Nichicon
C16, C23, C24, C28, C31, C32, C34, C35 x2	120u-25V	16	Capacitor Electro Low ESR, 105°		D6.3R2.5	Nichicon
C18 x2	150u-35V	2	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C19, C20	330u-25	2	Capacitor Electro Low ESR, 105°		D8R3.6	Nichicon
C41a	470u-35V	1	Capacitor Electro Low ESR, 105°		D10R5	Nichicon
C42a, C43a, C44, C45a, C46a, C47	680u25V	6	Capacitor Electro Low ESR, 105°		D10R6	Nichicon
L1, L2 x2	TBD	4	Inductor			
L4a, L5a, L6a, L7a	22uH	4	Inductor			
L3a		1	Common mode inductor			
H1, H2 x2		4	Simulation coil			
D1, D2 x2	Zener	4	1/2W Zener diode			
D3, D4 x2	1N914	4	Signal diode			
D5a	1N4004	1	Rectifier 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		
U5a	CC6-1212DF-E	1	DV/DC converter 12V-->+/-15V	TDK-Lambda	
P1 x2	10KA	2	Potentiometer 10K lin		Alps
P2 x2	10KB	2	Potentiometer 10K log		Alps
SW1 x2	DPDT	2	Min toggle switch on/off/on		
SW2 x2	DPDT	2	Min toggle switch on/on		
CN1a		1	DC-IN Connector		
CN2 x2	NC3FBH2	2	XLR socket 3pins fem. PCB		
CN3 x2	NC3MBH	2	XLR socket 3pins male PCB		
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		
Knob		4	Aluminium knob		
Main PCB	STS PCB	1	PCB		
Peak-meter	VUM16	2	Peak meter 16 LEDs Kit		
PSU	12V-1A	1	External PSU		
XLR assembly	M2.5x6	8	Self tapping screw pan head		
Vu-meters assembly	M3	4	Nut		
Vu-meters assembly	M3	4	Metal washer		
Vu-meters assembly	M3x20	4	Spacers 20mm		
Vu-meters assembly	M3x12	4	Screw pan head		
Vu-meters assembly	M3x6	4	Screw pan head		
Case (only in full kit)		1	Case W:233 x H:44 x D:176		

(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

Last modified : 10/03/2010