

BILL OF MATERIALS FOR STPM14-CT+Shunt MODULE

R1	RESISTOR MPL 0102*1K F 50
R2	RESISTOR MPL 0102*1K F 50
R3	RESISTOR MPL 0102*1K F 50
R4	RESISTOR MPL 0102*1K F 50
R5	RESISTOR MPL 0102*390R F 50
R7	RESISTOR MPL SOD 80*220K F 50
R8	RESISTOR MPL SOD 80*220K F 50
R9	RESISTOR MPL SOD 80*220K F 50
R11	RESISTOR DPL 0603*6K8 J 200
R12	RESISTOR DPL 0603*2K4 J 200
R13	RESISTOR DPL 0603*6K8 J 200
R14	RESISTOR DPL 0603*6K8 J 200
R15	RESISTOR MPL 0102*100R F 50
R16	RESISTOR MPL 0102*1M F 50
R17	RESISTOR DPL 0603*0R J 200
R18	RESISTOR DPL 0603*0R J 200
R19	RESISTOR MPL 0102*43K F 50
R20	RESISTOR MPL 0102*2M F 50
R21	RESISTOR MPL 0102*2M F 50
R22	RESISTOR MPL 0102*4,7R F 50
R23	RESISTOR MPL 0102*4,7R F 50
R24	RESISTOR MPL 0102*4,7R F 50
R25	RESISTOR MPL 0102*4,7R F 50
R26	RESISTOR DPL 0603*0R J 200
R27	RESISTOR WIRE SFR0518 P5 2W*82R K
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V1	VARISTOR MOKS K10*300V
C2	CAPACITOR X1 15x24,5x32/11M*470n 440V K
C3	CAPACITOR KER X1/Y2 9X5/3M*1.0N 440/330
C4	CAPACITOR AL-RILL 13x22/2M*4700uF 10V
C5	CAPACITOR VP 06053X7R*1n 50V K
C6	CAPACITOR VP 0603X5R*1u10V K
C7	CAPACITOR VP 0603X5R*1u10V K
C8	CAPACITOR VP 0603X5R*1u10V K
C9	CAPACITOR VP 06053X7R*10n 16V K
C10	CAPACITOR VP 06053X7R*10n 16V K
C11	CAPACITOR VP 06053X7R*22n 16V K
C13	CAPACITOR VP 0603 NPO*22p 50V J
C14	CAPACITOR VP 0603 NPO*22p 50V J
D1	DIODE ZENER ZMM SOD 80*5.1V G
D2	DIODE LED SMD2,5X2 K30*SRD 200mCD
D3	DIODE LED SMD2,5X2 K30*SRD 200mCD
D4	DIODE LED SMD2,5X2 K30*SRD 200mCD
D5	DIODE LED SMD2,5X2 K30*SRD 200mCD
D6	DIODE RECTIFIER SMD*600V 1A
D7	DIODE RECTIFIER SMD*600V 1A
L1	INDUCTOR VF82423 1812*220uH 0,1A
L3	INDUCTOR VF82423 1812*1uH 0,45A
TR1	CURRENT TRANSFORMER*T60404-E4622-X503
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TR2	CURRENT TRANSFORMER*T60404-E4622-X503
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Y1	CRYSTAL 4,194304MHz HC49/US -20/70
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STEVAL-IPE015V1 BOM

P1 CONNECTOR G08 PTIV 5,8*10-2
U1 INTEGRATED CIRCUIT STPM10FTR*SO20-4,4 P I
0 PCB (empty)