







A Bill Of Materials SNES TST		MEC TCT	В	l	С		D		E	
III OT IV os #	Quantity	NES ISI Designator	Value	Tolerance	Nominal Voltage	Dielectric	Footprint	Vendor	Part Number	
	27	C1, C2, C3, C4, C5, C6, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C32	100nF	+-20%	10V	X7R	Cap_0402_Chip			
	4	C7, C8, C9, C10	10pF	+-20%	10V	X7R	Cap_0402_Chip			
	3	C31, C33, C34	10nF	+-20%	10V	X7R	Cap_0402_Chip			
	1	C35	1uF	+-20%	10V	X7R	Cap_0603_Chip			
	1	C36 C37	10uF	+-20%	10V	X7R	Cap_0805_Chip			
	4	D1, D2, D3, D4	10uF Schottky Diode	+-20%	25V	X7R	Cap_1206_Chip SOD323	Diodes	BAT54WS-7-F	
	4	FB1, FB2, FB3, FB4	1800Ohm 200mA				Ind_0402_Chip	TDK	MMZ1005S182ET000	
	1	IC1	10M04SAE144C8G				EQFP-144_A:1P65_	Intel	10M08SAE144C8G	
)	1	IC2	14.318180 MHz				Quarz 7.5mm	IQD Frequency	LFSPX0018538Reel	
	1	IC3	TMUX1219				SOT23-6	Texas Instruments		
2	1	IC5	SN74HCT541				TSSOP20 Narrow	Texas Instruments		
3	7	IC6, IC7, IC8, IC9, IC10, IC11, IC12	LSF0108				VQFN20	Texas Instruments		
4	2	IC13, IC15	OPA2356				MSOP8	Analog Devices	OPA2356AIDGK	
5	1	IC14	TMUX1574				SOT-23THIN16	Texas Instruments		
<u> </u>	1	IC16	ADV7123				ST_48_ADI	Analog Devices Inc		
7	1	IC17	THS7374				TSSOP14	Texas Instruments		
<u>8</u> 9	1	IC18	MCP1703T 80Pole Connector				SOT223-3 DF40C-80DP	Microchip Hirose Connector	MCP1703T-3302E/DB DF40C-80DP-0.4V(51)	
9 0	1	J2 Q1	IRLML6402				SOT23_FET	Diodes	IRLML6402	
<u> </u>	1	Q2	MMBT3904				SOT23 Transistor	Diodes	MMBT3904	
2	1	Q3	BSS138				SOT23_FET	Infenion	BSS138	
3	6	R1, R4, R28, R50, R55, R63	1k	+-1%			Res 0402 Chip		200.00	
4	12	R2, R3, R5, R17, R18, R19, R41, R42, R43, R58, R66, R78	10k	+-1%			Res_0402_Chip			
5	5	R6, R7, R12, R14, R44	470R	+-1%			Res_0603_Chip			
6	4	R8, R11, R13, R21	300R	+-1%			Res_0603_Chip			
7	4	R10, R49, R54, R60	0R				Res_0402_Chip			
8	2	R15, R20	33R	+-1%			Res_0603_Chip			
9 D	8	R16 R22, R24, R25, R33, R34, R38, R39,	100R 1.8k	+-1% +-1%			Res_0603_Chip Res_0402_Chip			
4	2	R40 R23, R26, R27								
<u>1</u> 2	7	R23, R26, R27	10k 200k	+-1% +-1%			1206_Array_Chip Res 0402 Chip			
3	1	R45	1.24k	+-1%			Res 0402 Chip			
3 4	4	R46, R52, R57, R65	619R	+-1%			Res 0402 Chip			
5	1	R47	91R	+-1%			Res 0603 Chip			
6	4	R48, R53, R59, R81	100k	+-1%			Res 0402 Chip			
7	3	R51, R56, R64	237R	+-1%			Res_0402_Chip			
В	1	R61	470R	+-1%			Res_0402_Chip			
9	1	R62	11R	+-1%			Res_0402_Chip			
0	6	R67, R68, R69, R70, R77, R79	75R	+-1%			Res_0603_Chip			
<u>1</u> 2	6	R71, R72, R73, R74, R75, R76	75R	+-1%			Res_0402_Chip			
	3	R80, R82, R83	3.3k	+-1%			Res_0402_Chip			
									Project: SNES TST	
									Size: A4 Sheet: 5 of 5	Rev: Rev
									Date: 19.10.2021 Time: 11:53	By: Opatu
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