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Bill Of N Pos#	//aterials S	NES TST NTSC System Var Designator	iant Value	Tolerance	Nominal Voltage	Dielectric	Footprint	Vendor	Part Number	
l	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	10uF	+-20%	10V	X7R	Cap_0805_Chip			
	1	C37	10uF	+-20%	25V	X7R	Cap_1206_Chip			
	4	D1, D2, D3, D4	Schottky Diode				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	
0	1	IC2	17.734475 MHz				Quarz 7.5mm	IQD Frequenc		
1	1	IC3	TMUX1219				SOT23-6	Texas Instrume		
2	1	IC5	SN74HCT541				TSSOP20 Narrow	Texas Instrume		
3	7	IC6, IC7, IC8, IC9, IC10, IC11, IC12	LSF0108				VQFN20	Texas Instrume		
4	2	IC13, IC15	OPA2356				MSOP8	Analog Device		
5	1	IC14	TMUX1574				SOT-23THIN16	Texas Instrume		
6	1	IC16	ADV7123				ST_48_ADI	Analog Devices		
7	1	IC17	THS7374				TSSOP14	Texas Instrume		
8	1	IC18	MCP1703T				SOT223-3	Microchip	MCP1703T-3302E/DB	
19	1	J2	80Pole Connector				DF40C-80DP	Hirose Connec		
20	1	Q1	IRLML6402				SOT23_FET	Diodes	IRLML6402	
1	1	Q2	MMBT3904				SOT23_Transistor	Diodes	MMBT3904	
2	1	Q3	BSS138				SOT23_FET	Infenion	BSS138	
23	6	R1, R4, R28, R50, R55, R63	1k	+-1%			Res_0402_Chip			
24	12	R2, R3, R5, R17, R18, R19, R41, R42, R43, R58, R66, R78	10k	+-1%			Res_0402_Chip			
25	5	R6, R7, R12, R14, R44	470R	+-1%			Res_0603_Chip			
26	4	R8, R11, R13, R21	300R	+-1%			Res_0603_Chip			
27	4	R9, R49, R54, R60	0R				Res_0402_Chip			
28	2	R15, R20	33R	+-1%			Res_0603_Chip			
29	1	R16	100R	+-1%			Res_0603_Chip			
30	8	R22, R24, R25, R33, R34, R38, R39, R40	1.8k	+-1%			Res_0402_Chip			
31	3	R23, R26, R27	10k	+-1%			1206_Array_Chip			
2	7	R29, R30, R31, R32, R35, R36, R37	200k	+-1%			Res_0402_Chip			
3	1	R45	1.24k	+-1%			Res_0402_Chip			
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			
37	3	R51, R56, R64	237R	+-1%			Res_0402_Chip			
88	1	R61	470R	+-1%			Res_0402_Chip			
39	1	R62	11R	+-1%			Res_0402_Chip			
10	6	R67, R68, R69, R70, R77, R79	75R	+-1%			Res_0603_Chip			
1	6	R71, R72, R73, R74, R75, R76	75R	+-1%			Res_0402_Chip			
2	3	R80, R82, R83	3.3k	+-1%			Res_0402_Chip			
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Bill Of N Pos#	//aterials S □ Quantity	NES TST PAL System Varia Designator	nt Value	Tolerance	Nominal Voltage	Dielectric	Footprint	Vendor	Part Number	
1	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			
2	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	10uF	+-20%	10V	X7R	Cap_0805_Chip			
3	1	C37	10uF	+-20%	25V	X7R	Cap_1206_Chip			
<u>'</u>	4	D1, D2, D3, D4	Schottky Diode				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	
0	1	IC2	14.318180 MHz				Quarz 7.5mm	IQD Frequenc		
1	1	IC3	TMUX1219				SOT23-6	Texas Instrume		
12	1	IC5	SN74HCT541				TSSOP20 Narrow	Texas Instrume		
13	7	IC6, IC7, IC8, IC9, IC10, IC11, IC12	LSF0108				VQFN20	Texas Instrume		
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18	1	IC18	MCP1703T				SOT223-3	Microchip	MCP1703T-3302E/DB	
19	1	J2	80Pole Connector				DF40C-80DP	Hirose Connec		
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22	1	Q3	BSS138	40/			SOT23_FET	Infenion	BSS138	
23	6	R1, R4, R28, R50, R55, R63 R2, R3, R5, R17, R18, R19, R41,	1k	+-1%			Res_0402_Chip			
24	12	R42, R43, R58, R66, R78	10k 470R	+-1%			Res_0402_Chip			
25 26	5 4	R6, R7, R12, R14, R44		+-1%			Res_0603_Chip			
26 27	4	R8, R11, R13, R21	300R 0R	+- 1%			Res_0603_Chip			
2 <i>1</i> 28	2	R10, R49, R54, R60 R15, R20	33R	+-1%			Res_0402_Chip Res_0603_Chip			
20 29	1	R16	100R	+-1%			Res_0603_Chip			
30	8	R22, R24, R25, R33, R34, R38, R39,	1.8k	+-1%			Res_0402_Chip			
31	3	R40 R23, R26, R27	10k	+-1%			1206_Array_Chip			
32	7	R29, R30, R31, R32, R35, R36, R37	200k	+-1%			Res 0402 Chip			
33	1	R45	1.24k	+-1%			Res 0402 Chip			
34	4	R46, R52, R57, R65	619R	+-1%			Res 0402 Chip			
35	1	R47	91R	+-1%			Res 0603 Chip			
36	4	R48, R53, R59, R81	100k	+-1%			Res 0402 Chip			
37	3	R51, R56, R64	237R	+-1%			Res_0402_Chip			
88	1	R61	470R	+-1%			Res_0402_Chip			
39	1	R62	11R	+-1%			Res_0402_Chip			
10	6	R67, R68, R69, R70, R77, R79	75R	+-1%			Res_0603_Chip			
11	6	R71, R72, R73, R74, R75, R76	75R	+-1%			Res_0402_Chip			
2	3	R80, R82, R83	3.3k	+-1%			Res_0402_Chip			
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