

National Semiconductor - PC & Networking Group

Bill of Materials Sep 4, 2001

Item	Quantity	Reference	Part	Footprint	Part Description	Part Number
1	32	C10 C13 C14 C16 C29 C34 C4 C45 C46 C47 C51 C52 C53 C54 C55 C56 C57 C58 C60 C63 C65 C67 C7 C70 C71 C73 C74 C75 C76 C77 C78 C8	0.1uF	SMD0603-A1	CAP, SMD, Ceramic, +80-20%, 50V, 0603	C1040C000J0603CER050V
2	1	R46	1.54K	SMD0603-A1	RES, SMD, 1/16W, 1%, 0603	C1541C000B0603TKF000B
3	7	C30 C31 C32 C33 C37 C69 C72	10uF	SMD3528-B1	CAP, SMD, Tant, 10%, 16V, 3528	C1060C000G3528TAN016V
4	4	R15 R16 R17 R18	75	SMD0603-A1	RES, SMD, 1/16W, 1%, 0603	C75R0C000C0603TKF000B
5	3	C43 C44 C59	C-0.001UF	SMD0603-A1	C/C/SMD, Y5V, +80/-20%, 50V, 603	151008796-102
6	27	C11 C12 C15 C17 C18 C19 C25 C26 C27 C28 C39 C40 C48 C5 C50 C6 C61 C68 C79 C80 C85 C86 C87 C88 C89 C9 C90	C-0.01uF	SMD0603-A1	C/C/SMD, Y5V, +80/-20%, 25V, 603	151008796-104
7	8	C22 C23 C24 C38 C41 C42 C64 C93	C-0.1UF	SMD0603-A1	C/C/SMD, Y5V, +80/-20%, 25V, 603	151008796-104
8	1	C20	C-1000P	SMD1808-A1	CAP, SMD, Ceramic, 10%, 2kV, 1808	
9	7	C1 C2 C21 C3 C82 C83 C84	C-10UF POLARITY	SMD6032-A1	C/C/SMD, Polarized, 6032	
10	4	C35 C36 C66 C81	C-1UF POLARITY	SMD3126-A1	C/C/SMD, Polarized, 3126	
11	1	C49	C-27PF	SMD0603-A1	C/C/SMD, COG, 10%, 50V, 0603	151008795-270
12	1	C62	C-4.7UF POLARITY	SMD6032-A1	C/C/SMD, Polarized, 6032	
13	1	J27	CON-RJ45-GIG	CN-PHONE8P8C-RA-SHLD	RJ45 Connector, Shielded, Gig PinOut	210008682-108
14	1	D6	DIODE	SMB	Schottky Diode - (Intl Rect 10BQ015)	10BQ015
15	1	U1	DP83820_CUSTOMER	208PQFP	DP83820 GigMac - 208 PQFP	
16	1	U5	DP83865_CUSTOMER	128 PQFP	DP83865 ULP GPhy	
17	3	Q1 Q2 Q3	DUAL-MOSFET	SO8-A1	Dual MOSFET - PMOS & NMOS (Intl Rect IRF7105)	IRF7105
18	1	U2	EEPROM	SO8N	Serial EEPROM 1024bits (NM93C46LM8)	482008396-109
20	3	D3 D4 D5	GRN	led-smd-2p-grn	LED, Green, SMD, Gull Wing S-Type (DIGI-KEY P516CT-ND)	394008798-001
21	1	T1	H-5007	H-5007	1000Base-T XFMR Module, 24-pin SMD	H5007
22	2	J3 J4	HDR-1X2	CN-HDR1X2	Header, 2P, 1 x 2	
23	1	D2	ORG	led-smd-2p-orn	LED, Orange, SMD, Gull Wing S-Type (DIGI-KEY P518CT-ND)	
24	2	X2 X3	OSC-25 MHZ	OSC8-4P	25 MHz Oscillator (50 ppm)	
26	7	R1 R27 R3 R32 R4 R41 R43 R8	R-0.0	SMD0603-A1	RES, SMD, 1/16W, 1%, 0603	473008776-001
27	2	R24 R7	R-0.0-1206	SMD1206-A1	RES, SMD, 1/10W, 1.0%, 1206	473008171-001
28	1	R38	R-10	SMD0603-A1	RES, SMD, 1/10W, 1%, 0603	
29	4	R30 R35 R37 R39	R-10K	603	RES, SMD, 1/10W, 1%, 0603	47008800-401
30	5	R36 R5 R70 R72 R74	R-324-0603	SMD0603-A-1	RES, SMD, 1/16W, 1%, 0603	C3240C000C0603TKF000B

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31	3	R10 R11 R9	R-1K	SMD0603-A1	RES, SMD, 1/16W, 5%, 0603	473008776-102
32	1	R31	R-27-0805	SMD0805-A1	RES, SMD, 1/10W, 1.0%, 0805	
33	12	R13 R29 R40 R44 R45 R47 R48 R6 R76 R77 R78 R80	R-2K	SMD0603-A1	RES, SMD, 1/16W, 5%, 0603	473008776-202
34	8	R19 R20 R21 R22 R23 R25 R26 R28	R-49.9	SMD0603-A1	RES, SMD, 1/16W, 1.0%, 0603	C49R9C000C0603TKF000B
35	1	U6	VOLT REG 1.8V - 3A	TS3B	Volt Reg 1.8v - 5A (TO-263)	LP3963ES-1.8
36	1	U3	VOLT REG 2.5V - 3A	TS3B	Volt Reg 2.5v - 5A (TO-263)	LP3963ES-2.5
37	1	U4	VOLT REG 3.3V - 5A	TO3B	Volt Reg 3.3v - 5A (TO-220)	LMS1585ACT-3.3
38	1	D1	YEL	led-smd-2p-yel	LED, Yellow, SMD, Gull Wing S-Type (DIGI-KEY P517CT-ND)	394008798-003
Do Not Populate these items:						
19	4	FID1 FID2 FID3 FID4	FIDUCIAL	FID40R	Fiducial (no stuff)	Do Not Populate
25	1	J1	PCI EDGE CONN 64	CN-PCI64-FINGER	PCI Edge Connector - 64 bit PCI bus	Do Not Populate
26	6	R2 R12 R14 R33 R34 R42	R-0.0	SMD0603-A1	RES, SMD, 1/16W, 1%, 0603	473008776-001
33	4	R44 R45 R47 R48	R-2K	SMD0603-A1	RES, SMD, 1/16W, 5%, 0603	473008776-202