

N5900 R00D

Page	Block Name	Main Parts Name	Main Parts Description
1	Program Charger & Battery Detect	LT1511CSW	Constant-Voltage/Constant Current 3A Battery Charger
2	Battery Control	M37515E4HP	Single Chip 8-bit CMOS Microprocessor for Battery Controller
3	Battery Switch		
4	DC/DC[3.3V/5.0V]	MAX786CAI	Dual-Output Power-Supply Controller for Notebook Computers
5	DIMM-Slot		
6	PIIX4 -1	PIIX4E	PCI ISA IDE Xcelerator(PIIX4E)
7	PIIX4 -2	PIIX4E	PCI ISA IDE Xcelerator(PIIX4E)
8	PIIX4 -3	PIIX4E	PCI ISA IDE Xcelerator(PIIX4E)
	BIOS-ROM	MBM29LV004T-10	4MB Low Power Boot Block Flash Memory
9	Super I/O	PC97338V1G/119	Super I/O
10	KBC	M38867E8HP	Key Board Controller
	RS232 Driver	MAX3243CAI	RS232C Transceiver with AutoShutdown
11	PCMCIA CONTROLLER	PC11220PDV	PCI-to-PC Card/CARD BUS Controller
12	PCMCIA Slots		
13	VGA Controller -1	B69000	Flat Panel GUI Accelerator with 2MB S-DRAM
14	VGA Controller -2	B69000	Flat Panel GUI Accelerator with 2MB S-DRAM
15	VGA Controller -3	B69000	Flat Panel GUI Accelerator with 2MB S-DRAM
	LCM Interface		
16	Audio Controller	ES1879S	Audio Drive
17	Clock Gen.	MK1492E-02RTR	Clock Synthesizer/Driver for Pentium and Pentium Pro Processors
	Audio Amp.	MC34119	Low Power Audio Amplifier
18	Control for status LCD		
19	Suspend Control		
	IR	HSDL-1100 #007	4Mb/s Infrared Transceiver Module
	DC-DC Converter	LT11110	Step-Up for 12V
20	MMIO/LCD Connector		
21	Connector (Port Replicator)		
22	Connector -1		KB / AC / CRT / Serial / Printer / Battery / Mouse / FDD Connector
23	Connector -2		CDROM / AUDIO / SW Connector

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Note: Revision History

Date	Rev#	Description
02/02/98	R00D	1. Battery Control (M37515M4) - #8 assigned to SOFTOFF* 2. Cut ES1879 - #82 (VOLDOWN), - #83 (VOLUP) PIIX4E - #T12 assigned to VOLDOWN, - #Y13 assigned to VOLUP 3. Modify C205 (10000PF -> 47000PF), C207 (0.1UF -> 10000PF), C43 (0.1UF -> 1UF), C211 (10000PF -> 1000PF) for RSMRST* and POWERGOOD 4. PR42-#4 cut, PR42-#4 connect to SHPV5NF for CD-ROM icon bug 5. CLOSED* pull up 10K ohm to PV3 (original is BV5) 6. Cut PIIX4E - #N17 (ACPPWR) for power on bug
02/09/98	R00D	1. L49 change to 121 type 2. B.C. - #48 add diode and pull-up 10Kohm for VLBAT*