



*Alexan*

**QUALITY KITS**

**AUDIO/HI-FI ACCESSORIES** \_\_\_\_\_ **ISSUE**

LED/VU Meter II 43/V5

**AUDIO/HI-FI AMPLIFIERS/BOOSTERS** \_\_\_\_\_

2-Watt Utility Amp w/ HC851 19/V3  
 6-Watt Power Amplifier 39  
 15-Watt Bridge (mono) V1  
 15-Watt Stereo Amplifier w/ 12-0-12 2.5A 21/V2  
 16-Watt Biampifier w/ Heatsink & 6951 (9V-0-9V 1A) 52  
 25-Watt Amplifier w/ 0-24 2.5A (stereo) V3  
 25-Watt Amplifier w/ 0-34 2.5A (mono) V3  
 25-Watt Single Chip Stereo Amplifier 63  
 40-Watt Power Amplifier w/ 3" Heatsink 1/V1  
 P-50A (50-W) Power Amp w/ 6" Heatsink 56  
 10-Watt Amplifier w/ 2-3" Heatsinks V2  
 10-Watt RMS Stereo Amp w/ DC Controlled Pre-Amp 65/V2  
 LM12 (150 W) Power Amp Module w/ 4" heatsink 55  
 Cassette Stereo Booster w/ HC873, 20V 4A 54  
 Low Cost Power Amp Module 58  
 Low Cost Power Amp for your PC and CD/MP3 Players  
 w/HC981, MS-7BHS 69  
 OTL Pocket Amp for Experimenters w/ HC001 69  
 Porta Amp w/ 10-0-10 750mA 35  
 Room Amplifier 34/V3  
 Ultra Sensitive Mini Amplifier 63  
 Universal DC Controlled Pre. Amplifier 63  
 Walkman Stereo Amplifier w/ HC991 & 9Vx2 1A 49  
 Video Pre-Amp Buffer w/ HC851 & 6950 57

**AUDIO/HI-FI EQUALIZERS** \_\_\_\_\_

5-Band Stereo Graphic Equalizer w/12V 200mA 42/V5  
 Equalizer (mono) V3  
 Parametric Equalizer Module w/ 6V 500mA 52

**AUDIO/HI-FI SIGNAL PROCESSORS** \_\_\_\_\_

Analog Delay for Echo Rev. FX w/ HC872 & 12x2 750mA 45  
 Digital Echo Karaoke Box V5  
 Echo Reverb Processor w/ HC841 & 9V 32/V4  
 Low-Cost Digital Echo/Reverb Microphone Preamp 65  
 PA Annunciator with Microphone Input 62  
 Sound Field Generator Module 62  
 Stereo Blender w/ 6950 54  
 Stereo Enhancer II w/ 6V 500MA 52  
 Stereo Enhancer w/ 12.6 200mA 13  
 Stereo Simulator w/ HC851 & 9V 33/V5  
 Stereo Synthesizer 16/V2

**AUDIO/HI-FI MIXERS** \_\_\_\_\_

4-Input Mixer w/HC841 9/V1  
 Attenuator/Direct Injection Box w/ HC812 58  
 Minus One Plus One w/ HC841 & 9V 28/V2  
 Multipurpose Audio Mixer 64  
 Parametric Equalizer Mixer w/ 6V 500MA 52  
 Parametric Equalizer Mixer w/ 6V 500MA w/o optional parts 52  
 Simple 4-Input Stereo Mixer 60

**PREAMPS/INPUT SELECTORS** \_\_\_\_\_

1040 Tone Volume Balance Control w/ 9VAPT48 31/V4  
 Electronic Stereo Source Selector w/ 6V (6952) 31/V4  
 Low-Cost Preamp w/ Tone Control 39  
 P-50C Control Amp w/ Microphone Input 56  
 P-50S Audio Input Selector w/ Phono Pre-Amp 56  
 Pre-Amplifier V3  
 Universal Hi-Fi Preamp V1  
 Universal Mic Preamp w/ HC851 6950 57

**AUDIO/HI-FI FILTERS/CROSSOVER NETWORKS** \_\_\_\_\_

3-Way Active Crossover Network w/ HC851 53  
 Audio Notch Filter 66  
 Dynamic Noise Filter w/ 12-0-12 250mA 26  
 Scratch and Rumble Filter 17  
 Sub-Woofer Pre-driver w/ HC872 & 12Vx2 750mA 47

**AUDIO/HI-FI PROTECTION CIRCUITS** \_\_\_\_\_

Amplifier Clip Detector 46  
 Compressor Protector w/ HC991 & 6950 51  
 Delayed Switch-On Speaker 21  
 Speaker Protector Device 14  
 Speaker Sentry w/ 6x2 500 (6950) 51  
 Speaker Time Delay 8/V3

**AUDIO/HI-FI POWER SUPPLIES** \_\_\_\_\_

10-Watt Power Supply w/ 35-0-35 5A V2  
 10-Watt RMS Stereo Power Supply 65  
 40-Watt Power Supply w/ 25-0-25 4A V1  
 Power Supply 40  
 Low Cost Power Supply Module 58  
 LM 12 (100 Watt) Power Supply 28V5A 55  
 P-50 Power Supply w/ 36-0-36 3A 12-0-12 1A 56  
 Universal Hi-Fi Power Supply w/ 10-0-10 750mA V1

**AM/FM RADIO/TV CIRCUITS** \_\_\_\_\_

AM Radio w/ 702 V1  
 AM Pocket Radio 61/V3  
 AM Teenybopper Cassette Tape Recorder V5  
 AM/FM Clock Radio (Sleepmate) 59  
 AM/FM Pocket Radio 12-725 60  
 FM Stereo Broadcast Transmitter w/ HC841 61  
 Home Video Distribution System w/ HC851 & 6950 31/V4  
 Surround Sound Processor w/ 12x22.5mA, HC841 & 1.5"heatsink 46/V1  
 TV Combination Lock w/ 6x2 750mA (6952) & HC991 46  
 TV Modulator V3  
 TV Stereo Decoder w/ HC851 & 6950 40/V5  
 Video Tone Controller w/ HC981 & 12Vx2 250mA 48

**AUTOMOTIVE** \_\_\_\_\_

Auto. Car Battery Charger w/ 4A 17V V2  
 Bark Horn w/ HC001 43  
 Bionic Sound Car Horn w/ HC001 38  
 Car Battery Monitor 42  
 Car Stereo Booster 36/V5  
 Car Thief Staller w/ HC991 20/V2  
 Electronic Ignition System w/ HC812 & 3" Heatsink V4

Kits Scanner w/ Bulb/Light & HC981	V3
Melody Back Horn w/ HC001	V1
Sensorless Car Alarm w/ HC872	61

**CLOCK/COUNTERS/TIMERS**

3-in-1 (Up-Down Counter/Frequency Counter/Clock)	59
3-Minute Phone Timer w/ HC981 & 12V 250mA	44
Automatic Minute Timer w/ HC981 & 12-0-12 250mA	29
Darkroom Exposure Timer w/ HC872 & 12V 250mA	45
Multipurpose ON/OFF Timer	38/66
Clock Radio (Sleep Mate AM/FM )	59

**DOORBELLS**

2-Tone Melody Doorchime II w/ 8 Melody case	58
2-Tone Melody Doorchime w/ 8 Melody case	V4
16-Melody Doorchime w/ 8 Melody case	54
16-Melody Proximity Chime w/ 8 Melody Case	58
Computerized Door Tune w/ 9V (6951)	2/V1
Door Phone w/ HC981 & HC001	57
Electronic 2-Tone Doorbell w/ HC981 & 9V	V1
RC Doorbell w/ HC871, HC981 & 12V	39
Tok-Tok-Tok Doorbell w/ HC981 & 12-0-12 750MA	35

**GAMES**

Decision Maker w/ HC981	23
Electronic Roulette w/ HC981 & 6950	50
Electronic Ladder Game	18
Electronic Number Game	64
LED Dice	67
Memory Challenger w/ HC981	40
Reaction Tester	14
Russian Roulette w/ HC981	19

**TEST & MEASUREMENT/INSTRUMENTATION**

3-in-1 (Up-Down Counter/Frequency Counter/Clock)	59
AC-100 Control	20/V2
AC-360 Multitester	V1
AC Line Voltage Monitor	66
AC Line Voltage Sensor w/ HC871	48
AF/RF Generator w/ HC001	21
Compact Function Generator	66
DC Voltage Monitor	65
Digital Logic Probe II w/ HC11	22/61
Digital Soldering Iron Controller	68
LED Thermometer	66
Live Wire Tester	62
Logic Checker	20
Logic Gate Checker	50
Logic Pulser	36
Multipurpose Coil Tester w/ HC851	55
Modulated Signal Injector w/ HC001	10
Precision Function Generator w/ 10-0-10 & HC841	22
RMS to DC Converter w/ HC991 & 12V 200mA	50
SCR Tester	22
Signal Tracer	11
Repairman's Signal And Injector w/ HC001	V3
Soldering Iron Controller w/ HC981 & 6950	50/V4
Temperature Probe for DMM	68
Transistor Tester w/ HC001	9/V1

**POWER SUPPLIES/INVERTERS/VOLTAGE REGULATORS**

AC-220 Auto Voltage Regulator (500 Watts)	21/V3
0-25 Volt One Amp. Regulated Power Supply 0-28 1.5A	15/V1

1.25 to 25 Voltage Regulator Power Supply w/ 0-24V 3 Amps	23
20-Amp. Regulated Power Supply w/ DS-6", 2-3" Heatsink	V5
Low Cost Regulated Power Supply w/ HC873, 14V 1.5A	12/V1
Micro DC to AC Inverter w/ HC873 10-0-10 750MA	34
Power Inverter w/ 12V 150W & 9" Heatsink	27/V4
UPS/Power Inverter (Quasi Sine Wave Power Inverter & UPS)	V5
Versa Power Supply w/ 0-14-28 3.5A	33/V3

**TELEPHONE PROJECTS**

2-Way Intercom System w/ HC001 (2), HC991	11/V2
Automatic Telephone Recorder w/ HC981 & 6V	34
Electrophone w/ HC873	44
Extension Telephone Switcher w/ HC001	47/V2
FM Telephone Pick-up	15
Push Button Telephone Dialer w/ HC991	12/V2
Simultaneous 2-Way Intercom w/ 8 Melody Case	49
Telephone Amplifier w/ HC981	16
Telephone Call Monitor w/ HC872 & 6V 500MD	49
Telephone Line Tester	68
Telephone Musical Ringer w/ HC981 & 9V	36

**RUNNING LIGHTS**

2 Channel Multifunction Light Chaser	67
Disco Dancing Lights w/ HC841 & 9V	V3
LED Matrix Dancing Lights for your Amplifier	69
Low-Cost 3-Channel Dancing Lights w/ HC991 & 6V	22
Moving LED Light Chain	68
Simple Color Organ	65
Programmable Light Sequencer II w/ HC841 & 6952	58
Programmable Sequential Light I w/ HC841 & 6952	V3
Running Lights w/ 12V 750mA	V2

**EMERGENCY LIGHTS**

Emergency Lamp/Flasher	20
Mini Emergency Lighting Unit w/ HC851	54

**DIMMERS/CONTROLLERS**

Electronic Lamp Dimmer w/ HC981	V1
Lamp Dimmer	V1
Multifunction Lamp Controller w/ HC981	53
Push-Button Lamp Dimmer	15
Remote Controlled Lamp Dimmer Transmitter/Receiver w/ HC871 & HC991 & 6950	54
Touch Controlled Lamp Dimmer w/ HC001	39/V5

**FLASHER**

Night Time LED Flasher	49
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**MUSIC PROJECTS**

Chorus FX for Musical Instruments w/ HC872 & 9x2 500mA	49
Distortion FX w/ HC981	40
Digital Delay FX w/ HC981	60
Dynamic Phaser w/ HC991	V4
Electronic Drum Set w/ HC872 transformer 6950	53
Electronic Metronome	V2/59
Frequency Doubler FX w/ HC981 transformer 6950	51
Fuzz Tone	23
Guitar Compressor Sustainer w/ HC981	38
Guitar Track Jam Box	64
Intelligent Musical Organ	16/V2
Overdrive FX	58
Practice Amplifier	53
Quick and Dirty Fuzz	68
Simple Color Organ	65

Sound Effect Generator w/ HC851 w/o terminal	29	<b>BATTERY CHARGER/CHECKER</b>	
Super Guitar Headphone Amplifier	62	Automatic Car Battery Charger	V2
Tube Overdrive FX w/ HC981	61	Battery Checker w/ HC981	36
<b>PROTECTION CIRCUITS</b>		C/10 AA (NICD/NIMH) Battery Charger	66
3-Phase Motor Protecting Switch	59	Nickel Cadmium Battery Charger w/ 9Vx2 750mA & HC872	46/V2
MCU-Based Power-On Delay	59	UPS/Power Inverter (Quasi Sine Wave Power Inverter & UPS)	V5
Power Sentry w/ HC991 & 9V	26	<b>CODE CIRCUITS</b>	
Power-On Delay w/ HC991 & 9V (10A Relay)	V1	Morse Code Practice Oscillator	9/V1
Power-On Delay w/ HC991 & 9V (5A Relay)	V1	Electronic Oscilloscope Caliper	64
RefMate w/ HC812 (Option A & B available)	60	Electronic Parrot w/HC851 w/ ter.	32/V4
Voltage Level Monitor	12	Low Cost Morse Code Trainer	50
<b>SECURITY/BURGLAR ALARMS</b>		<b>COMPUTER ACCESSORIES</b>	
Anti-Burglar Light w/ HC981 & 12Vx2 200mA	47/V5	PC Stereo Amp w/ HC872 6950	57
Car Burglar Alarm w/ HC981	30	<b>MCU/MPU EDUCATIONAL MODULES</b>	
Early Riser Alarm w/ HC981	53	Digital Trainer kit	
Electronic Combination Lock w/ HC812	9/33	Multipurpose TM-5 Module w/ HC991	69
Electronic Watchdog w/ HC981 & 10V750mA	40	<b>SPEED CONTROLLERS</b>	
Infrared Intruder Alarm TXer/RXer w/ HC812 & 9V & 12V	43/V4	DC Motor Speed Controller w/ 12V 1A	42
Noburg Guard w/ HC851 & 6950	56	Fan Speed Controller w/ HC981	27/V4
Peek Alarm	67	<b>POWER CONTROLLERS</b>	
Sensor Based Sentry w/ 6V 250mA & HC851	41/V1	Power Controller w/ HC981 & 3" Heatsink	28
Simple Backup Beeper	67	Power Saver w/ HC991 & 10-0-10 750mA	25/V2
Sonic Watchdog w/ HC981 & 6950 (6-0-6 500mA)	51	<b>RC CIRCUITS</b>	
Touch Door Knob Alarm w/ HC001	35	Infrared Remote Controlled Switch Transmitter/Receiver w/ HC871, HC821 12x2 750mA	41/V3
Touch Sensitive Alarm w/ HC981	42	Ultrasonic Remote Controlled Switch w/ HC981, HC001 & 6x2 (6950)	51
Ultrasonic Alarm Intruder w/ HC821 & 12V 750mA	V3	Remote Controlled Doorbell w/ HC871, 12V 250mA	39
Ultrasonic Proximity Sensor/Parking Radar	67	<b>SIREN</b>	
Ultrasonic Proximity Sensor w/ HC981	69	Police Car Siren w/ HC001	18
<b>ELECTRONIC SWITCHES</b>		Police Siren	39/V5
Clap Switch w/ HC981 & 9V	V4	Super Siren w/ 1.5" Heatsink & HC991	19/V2
Clap Switch II w/HC991	69	<b>WIRELESS TRANSMITTERS/MICROPHONES</b>	
Electronic Switch w/ HC001	36	FM Transmitter w/ HC001	26/V3
Infrared Remote Controlled Switch w/ HC871, HC991	V3	FM Stereo Broadcast Transmitter	61
Light Activated Switch w/ HC851, ter.	V3	Low-Cost Wireless Audio Transmitter w/ HC002	54
Multi-Way Lamp Switch w/ HC991, 6V-0-6V 500mA	35	Wireless IR Headphone Transceiver w/ HC851 & 12V 250mA	44
Night Switch	14	Wireless Microphone III w/ HC871	32/V4
Sound/Voice Activated Switch	67	Wireless Mike No. 10 w/ HC001	V1
Voice Operated Switch w/ HC981	13/V1	Wireless Mike No. 7 & 8 w/ HC001	V1
<b>NOVELTY CIRCUITS</b>		<b>OTHERS</b>	
Digital Voice Message Recorder	64	Compact Metal Detector w/ HC981	26/V1
EE Shocker w/ HC981 & 6V 250 mA (6950)	47	Electronic Solid State Relay	55
Electronic Parrot w/ HC851 w/ terminal	32/V4	Electronic Thermostat w/ 6950 Transformer & HC812	55
Lie Detector I	23	Fire Alarm w/ HC981 & 6V x2 250mA (6950)	48
Lie Detector II w/ HC001	48	Heart Beat Monitor	68
Meditation Stimulator w/ HC001	46	Mosquito Pester	18/V2
Moving Chain of Lights	17/V2	Push-Button Digital/Analog Signal Selector w/ HC981	69
Telephone Voice Changer w/ HC981	50	Rat Repeller	62
Voice Changer Microphone	V5	TENS Pain Reliever (Nerve Stimulator) w/ HC001	49/V5
Voice Transformer One w/ HC851 w/ terminal	30	Water Level Alarm w/ HC001	47
<b>CHRISTMAS PROJECTS</b>			
12-Song Christmas Melody & Dancing Light w/ HC981, 6950	45/V5		
Christmas Carol Box (Jingle Bells Melody Song Box)	57		
Christmas Desk Decor w/ HC851 6950	57		
Christmas Lamp Dimmer	57		
Christmas Melody w/ 7930 & HC001	20		
LED Accessories	41		
Soft Lamp Blinker w/ 6x2 250mA (6950) & HC981	46		
Telephone Melody On Hold w/ HC991	37		