

DIY ELECTRONICS (HK) LTD

KIT

DESCRIPTION

October, 2001

Chip-on-Board Sound Generator Series

| | |
|---------|--|
| SG1M | Three Train Sounds (COB) with mother board |
| SG2M | Cellular Phone Sounds (COB) with mother board |
| SG3M | 16 Door Chimes (COB) |
| SG4M | 3 Sirens & Machine Gun (COB) |
| SG5M | Ding/dong Door Chime (COB) |
| SG6 | Melody IC (TO-92) |
| SG7 | Complete Card Melody Unit - Love Story |
| SG10M | 4 Animal Sounds - hen, cat, cow, dog (COB) |
| SG11 | Siren Sound Generator (COB) |
| SG12 | Gun & Bomb Sounds (COB) |
| SG13 | Complete Card Melody Unit - Happy Birthday |
| SG14 | Complete Card Melody Unit - 3 Christmas Carols |
| SG15,16 | Small & large dog barking - in preparation |

Southern Cross Series

| | |
|------|---|
| SC1 | Southern Cross 1, single board computer, kit |
| SC2 | Southern Cross 1, single board computer, assembled & tested |
| SC3 | Relay Board kit, components for 1 position of 8 provided |
| SC4 | 8x8 Display Board kit |
| SC7 | DS1213C Smart Socket |
| SC8 | DS1216C Smart Watch |
| SC13 | Relay Board Upgrade, components for 7 positions |
| SC20 | Southern Cross 1 Monitor Program in 27C64 EPROM |
| SC21 | Combined SC3 & SC13, Relay Board with all components |
| SC22 | Southern Cross 2, single board computer, kit |

Kits

| | |
|-----|---|
| K1 | Three Digit Panel Meter plus Counter Unit |
| K2 | Temperature/LCD Panel Meter using 7106 |
| K3 | LED Dice |
| K4 | Power Supply I |
| K5 | Stairway to Heaven |
| K6 | Roulette LED |
| K7 | 3V FM Transmitter |
| K8 | Light Alarm |
| K9 | Oscillator Building Blocks |
| K10 | Touch/Contact Switch |
| K12 | Audio-to-Light Modulator 110V and 240V versions |
| K13 | Sensitive Sound Activated Tape Recorder Switch |
| K14 | Mains Stroboscopic Xenon Flasher 110V and 240V versions |
| K15 | 6V - 12V Screamer |
| K16 | FM Telephone Transmitter |
| K17 | LM386 Audio Power Module |
| K18 | 9V FM Transmitter |
| K19 | Light Dimmer (200V/240V). |
| K20 | Crystal Locked Ultrasonic Movement Detector I |
| K21 | Two Station Intercom/Hard Wired 'Bug' |
| K23 | Opamp Function Generator |
| K24 | Logic Probe |
| K25 | Mains Timer (200V/240V). |

K26 Fibre Optics Voice Transmission
K27 TDA7052 Amplifier Module
K28 Sound Activated FM Transmitter
K29 Combination Lock
K30 PIR Movement Detector
K31 9V Siren
K32 Two Stage FM Transmitter
K33 Tape Recorder Switch for Telephone
K34 General 3 1/2 Digit Panel Meter (using 7106)
K35 1.5V/3V to 9V DC to DC Converter
K36 General 4 1/2 Digit Digit Counter (7224)
K37 Chip-on-board 5 LED Programmed Flasher, with motherboard
K40 K1 μ C Reaction Timer, 68HC705K1
K42 K1 μ C Number System Decoder, 68HC705K1
K43 Relay Board
K44 Switched Relay Board
K45 Relay Board for 2x1A Miniature Relays
K46 Flashing Star
K47 TDA2002/LM383 Amplifier Module
K48 Introduction to Class AB Amplifiers
K49 Crystal Locked Ultrasonic Movement Detector II
K50 25W amplifier module. LM1875
K51 Miniature bug – Kit 18 reduced
K52 Chip-on-Board 5 LED Random/Sequence Flasher, with motherboard
K53 Codepad & Burglar Alarm, 68HC705P9 μ C
K55 Suction Cup Phone Pickup
K56 Tone Grabber - DTMF Tone Decoder from audio or telephone
K57 Negative/Positive Ion Generator (110V/240V)
K58 IR Remote Toggle Switch
K59 Motorola 68HC705P9 Programmer
K60 Regulated Power Supply
K61 General 3 1/2 digit LED Panel Meter (using 7107)
K62 PIR Movement Detector Components - PCB lens, PIR sensor & movement IC
K63 One chip AM Radio
K64 120 Second Message Recorder, ISD25120
K65 Laser Diode Module 650nm, 15mW
K66 Peltier Module 4cm x 4cm.
K67 DC Motor Speed Controller
K68 Power Supply Using LM317T
K69 PIC μ C Single LED Dice, 16C54C 04/P
K71 Dual PIC μ C Dice, 16C54C 04/P
K72 3 x 8 Channel IR Transmitter & Receiver
K73 Big PIC Clock
K74 PC Driven Relay Board
K75 PIC Trainer
K76 Movement Detector Module (assembled & tested)
K79 Three Light Dependent Resistor Kits in One Kit **Also sold separately.**
K81 Introduction to PIC Programming: 16F84 Development Programmer
K82 RF 2 Channel Relay Switch
K83 Universal Power Supply
K84 Mains Power Relay Switch
K85 Three Timers Kits in one Kit – Kits 152, K85_2, K85_3.
K85_1 Now issued as K152 Multitimer Kit
K85_2 Timer
K85_3 Timer
K87 1W Stereo Audio Amplifier Module - KA2209
K88 10W Stereo amplifier module, TDA2009A
K89 Stereo VU Meter
K90 3W Stereo Amplifier Module, BA5406.
K93 PC Data Acquisition Unit
K94 Encoded Stepper Motor Driver
K96 PIC Programmer 8/18/28/40 pin serial PICs
K97 4W amplifier module LM380
K98 Preampifier
K101 20MHz Function Generator
K102 Servo Motor Driver using PIC16C711-04/P. 1 to 4 motors driven.

K103 Flashing Christmas Tree
 K104 Electronic Music Box Engine
 K105 18W Audio Power Amplifier
 K106 50W amplifier module. TDA7294
 K107 1W Stereo Amplifier Module - TDA7053
 K108 Serial Isolated I/O Module
 K109 Unipolar Stepper Motor Driver using 555 & UCN5804
 K110 Continuity Tester
 K111 Square Wave Oscillator LN/NE555
 K112 Pocket Data Logger/Sampler on PC Parallel Port. 8 bit
 K113 Two Unipolar Stepper Driver on PC Parallel Port
 K114 Dual Unregulated Power Supply
 K115 1W Stereo Amplifier Module
 K116 8 Ohm Horn Speaker Driver
 K117 PICALL PIC Programmer
 K118 12-bit Data Acquisition Unit
 K119 PIC Programmer 8/18 pin serial PICs
 K120 Dual Temperature Meter
 K121 Atmel 89Cx051 Programmer
 K122 Atmel AVR Programmer
 K122ADT Adaptor Board for K122 for 90S4434/8535 programming
 K123 Atmel 89C5xxxx programmer
 K124 Positive Adjustable Power Supply Module
 K125 Negative Adjustable Power Supply Module
 K126 Mini-VOX and Relay
 K127 3 1/2 Digit Panel Meter
 K128 60 Second Voice Recorder (non-volatile) (in preparation)
 K129 4 Digit Up/down Counter
 K130 IR Light Barrier / Door Minder
 K131 30 Second Voice Recorder (non-volatile)
 K132 Laser diode module, 635nm, 5mW.
 K133 12V Movement Detector Module (assembled & tested)
 K134 Introduction to LCD's
 K135 DC to DC Converter 9-12V to 17VDC.
 K136 Flashing Heart
 K137 Touch Switch and delay. Uses nmos 555 IC.
 K138 Varactor bug with power output transistor – in preparation
 K139 1W Stereo Amplifier Module with DC Volume Control – TDA7053A
 K140 Preamp / tone control using AN6551 (in preparation)
 K141 Multi-mode Timer (in preparation)
 K143 6 – 10 Watt Stereo Amplifier. TDA2005
 K145 Temperature Data Logger. DS18S20
 K152 Multitimer II
 K154 4 Digit Presettable Down Counter with Output
 K160 Varactor Bug – in preparation
 K161 El Cheapo Programmer Components for Myke Predko's book
 K162 6V DC Xenon Flasher
 K163 12V DC Xenon Flasher
 K164 Telephone Data Logger
 K165 Manually-triggered 12V DC Xenon Flasher (in preparation)

A15 UHF modules Tx/Rx/IC also sold individually
 A63 20-30 second voice recorder module.

cmos camera modules

See [cmos.html](#) for current range of cameras and evaluation boards.

Obsolete/Discontinued Kits

K11 LM3909 chip discontinued K77 component supplier stopped supplying
 K39 Fiber Optic Kit K38, K54, K86 K1 uC obsolete

October, 2001

Email: peter@kitsrus.com

Web: <http://kitsrus.com>
