

# DIY ELECTRONICS (HK) LTD

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**KIT**

**DESCRIPTION**

**March 26, 2005**

## **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) with mother board
SG4 M	3 Sirens & Machine Gun (COB) with mother board
SG5M	Ding/dong Door Chime (COB) with mother board
SG6	Melody IC (TO-92)
SG7	Complete Card Melody Unit - Love Story
SG10M	4 Animal Sounds - hen, cat, cow, dog (COB) w/motherboard
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

## **Southern Cross Series**

SC1	Southern Cross 1, single board computer, kit
SC3	Relay Board kit, components for 1 position of 8 provided
SC7	DS1213C Smart Socket
SC8	DS1216C Smart Watch
SC13	Relay Board Upgrade, components for 7 positions
SC20	Souther Cross 1 Monitor Program in 27C64 EPROM
SC21	Combined SC3 & SC13, Relay Board with all components

## **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
K18V2	New Version 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)
K37	Chip-on-board 5 LED Programmed Flasher, with motherboard
K43	Single Relay Board
K45	Relay Board for 2x1A Miniature Relays
K46	Flashing Star

K47 TDA2002/TDA2003 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 in size  
 K52 Chip-on-Board 5 LED Random/Sequence Flasher, with motherboard  
 K55 Suction Cup Phone Pickup  
 K57 Negative/Positive Ion Generator (110V/240V)  
 K58 IR Remote Toggle Switch  
 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  
 K66 Peltier Module 4cm x 4cm.  
 K67 DC Motor Speed Controller  
 K68 Power Supply Using LM317T  
 K69 PIC  $\mu$ C Single LED Dice, 16C54C 04/P  
 K71 Dual PIC  $\mu$ C Dice, 16C54C 04/P  
 K73 Big PIC Clock  
 K74 PC Driven Relay Board  
 K76 Movement Detector Module  
 K79 Three Light Dependent Resistor Kits in One Kit **Also sold separately.**  
 K83 Universal Power Supply  
 K85 Three Timers Kits in one Kit – Kits 152, K85\_2, K85\_3.  
 K87 1W Stereo Audio Amplifier Module - KA2209  
 K88 10W Stereo amplifier module, TDA2009A  
 K89 Stereo VU Meter  
 K90 3W Stereo Amplifier Module, BA5406.  
 K92 IR Remote Control and Decoder IC  
 K93 PC Data Acquisition Unit – phasing out  
 K94 Encoded Stepper Motor Driver  
 K96 PIC Programmer 8/18/28/40 pin serial PICs  
 K97 2W amplifier module LM380  
 K98 Preamplifier  
 K100 Stereo Amplifier/Tone Control using TDA1524A  
 K101 20MHz Function Generator  
 K102 Servo Motor Driver using PIC16C711-04/P. 1 to 4 motors driven.  
 K104 Electronic Music Box Engine  
 K105 18W Audio Power Amplifier HA13118  
 K106 50W amplifier module. TDA7294  
 K107 1W Stereo Amplifier Module - TDA7053  
 K108 Serial Isolated I/O Module  
 K108Dual Joins two Kit 108's together  
 K109 Unipolar Stepper Motor Driver using 555 & UCN5804B  
 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  
 K118 12-bit Data Acquisition Unit  
 K120 Dual Temperature Meter  
 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 USB Flash PIC programmer  
 K129 4 Digit Up/down Counter  
 K130 IR Light Barrier / Door Minder  
 K133 12V Movement Detector Module (assembled & tested)  
 K134 Introduction to LCD's  
 K136 Flashing Heart

K137	Touch Switch and delay. Uses nmos 555 IC.
K138	Two LED Flasher
K139	1W Stereo Amplifier Module with DC Volume Control – TDA7053A
K140	Telephone Switcher Mk II
K141	Multi-mode Timer
K142	12 Relay IR Relay Board Board and Remote Control
K143	6 – 10 Watt Stereo Amplifier. TDA2005
K145	Temperature Data Logger. DS18S20
K146	40 Second Recorder with Looping Ability. ISD2540 DIP IC
K148	Programmable Timer with Firmware modules
K149	USB / Serial PIC Programmer
K150	USB PIC Programmer
K151	EEPROM Programmer
K152	Multitimer II
K153	DTMF Decoder
K154	4 Digit Presettable Down Counter with Output
K155	Stereo Tone Controller
K156	Dual HI/LO Switched Relay Board
K157	Rolling Code 2-channel Remote Relay Board with Reset
K158	Bi-polar Stepper Motor Driver Board
K159	Hi Power DC Motor Speed Controller – in preparation
K162	6V DC Xenon Flasher
K163	12V DC Xenon Flasher
K164	Telephone Data Logger
K167	K18 combined with K171 on one PCB
K168	Wind Speed Meter
K169	Versatile PIC Flasher
K171	250mW Power Amplifier
K172	Wide-Band Synthesised FM Transmitter
K173	RF Data Link Transmitter – Serial Input
K174	RF Data Link Receiver – Serial Receiver
K175	RF Data Link Transmitter – Parallel Input
K175	RF Data Link Receiver – Parallel Output
K179	Unipolar Stepper Motor Driver Board
K180	Rolling Code 4-relay 4-button Remote Relay Board with Reset
K181	Rolling Code 10-relay, 4-button Remote Relay Board
K182	Flash ICSP USB PIC Programmer
K186	Power Amplifier DC Supply
A16	433.9MHz UHF modules 4-button Tx/Rx, also sold separately
A17	433.9MHz UHF modules 2-button Tx/Rx, also sold separately
A18	433.9MHz Tx and Rx modules
A63	20-30 second voice recorder module.

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Web: <http://www.kitsrus.com>

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