



List of Software Programs

Compiled by

IDC Technologies

(Prepared by Melissa Read and Rebecca Caldwell)

Categories:

Utilities

Electrical

Electronics

Instrumentation

Data Communications

General Engineering

Office

Acknowledgement: We gratefully acknowledge the contributions from all those wonderful engineers and technicians out there who added to this collection.

Utilities Software listing
Summary of programs:

Software	Use	Size
algodraw.exe	AlgoDraw is a tool for drawing flowcharts, the conception of programs from flowcharts provides multiple advantages, it permits the user to create programs in a fast and reliable way. AlgoDraw is compatible with other programs such as "Algorigram Studio" and "AlgoPic".	966KB
BookForm.zip	Software that takes a text file and formats it to print books. Prints on both sides of the paper and in proper order. Very useful for making booklets or saving 50% of the paper required.	1.53MB
converber.exe	Converber is a unit converter, it is a powerful software utility that will help make easy conversions between 1,173 various units of measure in 32 categories. Converber converts everything from length and force to flow and temperature	317KB
ddctest.exe	This Windows DDC utility will tell you more than you probably ever wanted to know about your Plug and Play monitor.	136KB
DirectoryFileList.zip	Software that enables transfer of Directory List Detail to a text file.	1.53MB
eraser53.zip	Eraser is a secure data removal tool, which allows you to remove sensitive data from your hard drive by overwriting it with carefully selected patterns	751KB
FileView.zip	This Software is designed to enable the user to maintain a database describing data file contents and to enable a search to be carried out on the Description File Path and Comments Fields entered by the user.	3.10 MB
hjsplit.zip	It splits files of any type and size	298KB
hload.zip	HeavyLoad is inteded to stress all resources of a PC (like CPU, RAM, harddisk, network, operating system, etc.) in order to test if it will run reliably under a heavy load., HeavyLoad writes a large test-file to the temp folder, it allocates physical and virtual memory and it draws patterns in its window. 816 k	816 KB

JkDefrag-3.31.zip	JkDefrag is a hard-disk defrager and optimizer designed to run automatically every day in the background. Fast, low overhead, with several optimization strategies, and can handle floppies and USB disks/sticks.	454 KB
jpsetup.exe	Digital image print utility. Quickly print 4 x 6 prints or 3 x 5 prints from JPEG picture files on one sheet of paper. Additional features: - Print preview. - Optional picture date annotated to picture border.	400KB
kdifff3.0setup.zip	Comapres 3 files at a time	22.35MB
mcsetup.exe	Oscar's MiniCLIP is an application designed to be just the best text clipboard extender. Simply type in the combo box and press Enter. You can edit entries with the edit button; delete an item; search by typing any part of a word; drag and drop text from/to MiniCLIP. 500K	500 KB
Multicalc.zip	Multicalc was written specifically for calculating time, but it can also be used as a normal calculator and for converting decimal numbers to binary, binary to decimal, decimal to hexadecimal, and hexadecimal to decimal.	340 KB
netstumblerinstaller_0_4_0.exe	NetStumbler is commonly used for: Wardriving, Verifying network configurations, Finding locations with poor coverage in one's WLAN, Detecting causes of wireless interference, Detecting unauthorized ("rogue") access points, Aiming directional antennas for long-haul WLAN links	
ppperfect.msi	PastePerfect is Freeware that makes it easy to store and retrieve most commonly used items while writing emails and documents. Anything that passes thru the Windows clipboard goes thru PastePerfect and can be archived for later use.	817 KB
rapidminer-4.0-install.exe	Data mining, machine learning, knowledge discovery, business intelligence in Java. Data mining includes GUI,API,XML,SVM,analysis,knowledge discovery,databases.	35.67MB
RecoverKeys.zip	With Recover Keys you simply diagnose your	1.39MB

	system for all installed software and make a backup, print it or save to the text file.	
Safe_Backup.zip	Safe Backup allows you to search and build a database of important files or directories. Once the database has been built, by a press of a button, makes a backup of your selected files, which you can then keep safe in case you ever need to restore them.	933 kB
sayandpost.zip	SayAndPost is a tiny windows application that allows you to record a voice message and post it online immediately. After recording you can just insert a link to the voice file into your email, web page or forum post. 10 Mb of message files, 100 Mb of playback.	179 KB
SoundSchedule.zip	Software that plays a sound file or speaks the time at a set day of the week and time.	2.63MB
STSL.zip	Tse's Startup Schedule Launcher - This Utility will start up any program you want at any time you choose.	1.4 MB
trical.zip	TriCal is a formula, expression and conversion calculator - built-in formulas for electricity, fuel, trigonometry, etc. oodles of conversions - easily expanded.	431KB
vbrun60sp6.exe	Self-extracting executable file that installs versions of the Microsoft Visual Basic run-time files required by all applications created with Visual Basic 6.0.	0.98MB
ZiepodSetup.exe	Ziepod a toolkit to reach and manage audio-based content published thru podcasts. Ziepod provides - 4 different visual modes for better experience; Pop-up notifier ; Automated and manual ID3 tag overwriting. Sweeper to delete unnecessary items at once; iPod support to manage your playlists; Download scheduling and queuing; Monitoring dynamic OPMLs on the Internet; Lots of customizable keyboard shortcuts.	2.77MB

Electrical Software listing
Summary of programs:

Program	Use	Size
calcoil.zip	Calculator for designing coils	1.0 Mb
elplek.zip	Elplek is a short circuit and load flow program for small electrical networks. It calculates all currents in a network in the case of different faults (three phase fault, line to line fault, line to earth fault, line to line to earth fault).	1.6 Mb
eptool19.zip	ENGINEERING POWER TOOLS solves a wide variety of common engineering problems quickly and easily. Over 70 programs and data tables integrated into one easy-to-use package. Categories include Math, HVAC, Mechanical, Electrical and Materials & Structural	2.4 Mb
irondemo.zip and Tor demo	This is 2 programs for designing torroid core coils they are both very good demos fully functional no time out, limits are high of an inductance you want. They include part # cross reference from many torroid makers.	107Kb
Micro_vApr26.exe	Design of DC output inductors. The program accepts user defined design requirements in terms of required inductance, dc resistance, dc bias current and applied ac voltage.	3.36 Mb
power.zip	File archive and compression software with royalty free self extracting archives and windows point and click interface	2.6 Mb
pvlite52.exe	Unpacks Winzip files	5.0 Mb
RFCALC.zip	Program for designing coil and getting all spec's on it.	144 Kb
Tor-demo.zip	Excellent professional level toroid core inductor design program	959 Kb
ultra_ct.zip	This program will estimate a crosstalk coefficient between two parallel traces for a variety of different configurations	266 Kb

ultraclc.zip	This program allows you to calculate a variety of parameters related to PCB transmission lines for a variety of different configurations and loading conditions	281Kb
wb98.zip	Electrician's tool for calculating wire size, conduit size, XFMRs	4.99Mb
HASIP_V1.zip	A harmonics analysis for ships and industrial power systems, developed for the Office of Naval Research	181KB

Electronics Software listing

Summary of programs:

Software	Use	Size
ABC012.exe	Handy phase sequence calculator	4KB
audio-osc.zip	Up to 24 bit 96K sine wave generation stereo L / R / L+R / L-R. 10-48 kHz with Burst Sine, Square, Triangle, Noise, Sweeps from 1 to 20000 Hz, Saw tooth, Pulse trains, Sine plus Noise, DTMF tones, warble sweeps.	258MB
battery_simulater.zip	Program to simulate battery discharge. Use to determine how long a battery will last on project you built.	464KB
blitz.zip	A program which allows the user to design microwave filters in waveguide. Waveguide filters are generally appropriate in the frequency range of 1 to 100 GHz. They are characterized by large size (at lower frequencies), High "Q", and low loss.	87 KB
BLMan.zip	YP's Binary Logic Manipulator is an application software for performing logical calculations on two binary numbers. (supports maximum 64-bit). Inputs and results can also be viewed in hexadecimal format. 18 k	18K
calcucl.zip	This program is designed for use by planning and system design engineers (NMT, GSM, AMPS). It includes RF engineering and traffic tools.	215KB
cascade.zip	Noise Figure, Gain, P1db and Intercept point calculation for cascaded amplifiers, mixers, filters, etc. This is the old DOS version from Amplifonix	178KB
coolcatv20c.exe	Engineering program for heat sinks. Enter thermal characteristics for the semiconductor you are going to cool, you get them from the data books data sheet for the chip you are cooling. Gives you all the thermal information and Aavids part # for heat sink.	3MB
demo.exe	Design any imaginable LC filter, as well as comb-line and interdigital types	296KB
Dielectric Test.zip	Software that Records test parameters and loads them via an IEEE interface	2.93 MB.
dwininstall.exe	Digital Works 3.04 is a graphical design tool that enables you to construct digital logic circuits and to analyze their behavior through real time simulation	1.6MB
ecap302.zip	PC-ECAP is an easy to use AC circuit analysis program which analyzes circuits consisting of	146KB

	resistors, capacitors, inductors, transformers, transmission lines, transistors (both bipolar and FETs), operational amplifiers and transconductance amplifiers.	
electronic_design.zip	Program to calculate resistor values for transistor class "a" stage amplifier. Also op-amp filters, zener diode dropping resistor, 555 timer, filter cap's plus more.	295KB
Eqresistors.zip	Calculates resistor combinations for value needed	229KB
Filter-Design.exe	Does graphic analyses of all kinds on the circuit it designs	11.66MB
freq.zip	The Frequency Analyzer (download now) technically speaking performs a Fast Fourier Transform of the sound (you need a sound card and a microphone to use this program). What it means is that it analyzes your voice and splits it into its component frequencies	74KB
habala.zip	HbFree is intended for simulation of radio frequency (RF) and microwave (MW) analog non-autonomous circuits under multi-tone excitations. It was developed for MW mixers and power amplifiers design	456KB
HOMER252Beta.zip	HOMER is a computer model that simplifies the task of evaluating design options for both off-grid and grid-connected power systems for remote, stand-alone, and distributed generation (DG) applications.	2.51MB
lf101_setup.exe	Logic Friday is a tool of combinational logic analysis, minimization, and gate synthesis. You can enter a logic function as a truth table, equation, or gate diagram and minimize it with espresso. You can automatically generate a multi-level gate diagram using standard IC packages chosen from a gate library. You can trace gate logic, compare functions, generate C code lookup functions	865 KB
MiscEl.zip	The program contains a lot of pages with different electronic calculations. Each page contains one or more different calculations	1.21MB
pcbtemp.zip	Looks at the relationship between trace current, geometry, and temperature rise of PCB traces. If you are making a high current circuit like triac/scr etc. this tells you voltage drop, resistance change	15KB
pll.zip	Program from National Semiconductor designs a second or third order Phase Lock Loop.	667KB
resist.zip	Calculate the value of resistors for voltage divider and op-amps etc.	166KB



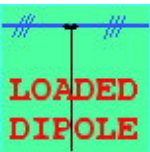


SAG1.exe	Voltage sag analysis and propagation	76KB
SMS6.3.zip	This program by National Semiconductor allows the user to design a switched mode power supply using one of National's "Simple Switcher" chips	24.53MB
speaker-3.zip	A collection of 3 simple little programs to design speaker enclosures including the cross over network.	1.05MB
spice.zip	SPICE is the celebrated nonlinear circuit simulator from Berkeley	410KB
spur.exe	This program finds spurs within a Translation Loop or Offset PLL often used in phase-modulated transmitters.	540KB
srd.zip	Calculates component values for an SRD frequency multiplier based on HP Application	347KB
stub.zip	Design a printed broad band bypass using a Microstrip Radial Stub	36KB
swcadiii.exe	This spice simulator is supplied by the folks at Linear technology. It's optimized for LTC switching power supply analysis.	7.25MB
tcomp.zip	Designs a thermistor temp comp network for a three point fit.	42KB
ti-opamp.zip	TI Op-amp designer program. The best for designing using TI op-amps	7MB
uconeer.zip	This free units conversion program is designed specifically for engineers.	501KB
unequal.zip	Designs a resistive power divider for unequal power split	1.53MB
winRLC.zip	Program to calculate RF filters. RC/RL low/high/band pass and design coils	680KB
wiregage.zip	Calculated trace resistance at a given length and temperature, and voltage drop across the trace for a given current	11KB
Y2F.EXE	Use to calculate noise figure when all you have are a noise source, and an RF power indicator. Y factor is the ratio of RF output power with the noise source ON to RF output with the noise source off. If you know the ENR of the noise source, and measure the Y factor, you can calculate the system noise figure.	63KB
yzbuild.zip	power system software	155KB

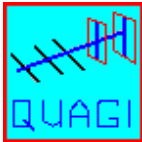
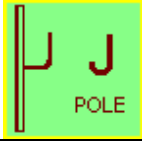
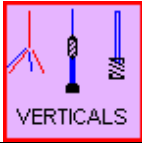

Instrumentation Software listing
Summary of programs:

Software	Use	Size
analyzer-setup.exe	authenticity detector	8.59MB
dBcalc.zip	DB calculator it converts and calculates all kinds of DBs	160KB
HOWDY60.ZIP	Software for load flow/short circuit/harmonics analysis	950KB
SA3000.zip	Lab grade Audio Spectrum Analyzer. Uses sound card.	2.18MB
ttg.zip	Audio sound generator. Sine/square/triangle 0 to 20 kHz. Set for constant frequency or frequency sweep.	159K

Data Communications Software listing

Summary of programs:

Software	Use	Size
busbr242.zip	Electrical calculations program	785 KB
captor.exe	Used to design captor type of antenna	76KB
cirpol.exe	Antenna Design	232 KB
coaxdpl.exe	Antenna Design Type: 	532 KB
discone2002.exe	Antenna Design Type: 	260 KB
Echolink Proxy 1,2,3	Various	17.9KB
field.zip	Calculations related to the EM fields	34 KB
gamma2002.exe	Antenna Design	424KB
load-dip.zip	Antenna Design Type: 	1.48 MB
omniquad.exe	Antenna Design	192 KB
para.zip	Antenna Design Type: 	76KB
pdl.exe	Antenna Design	428KB
quad2002.zip	Antenna designing 	2.03 MB

quagi.exe	Antenna Design Type: 	48 KB
Radiomobile	Tool used to predict the performance of a radio system.	-
Rmobile	Tool used to predict the performance of a radio system.	-
sky2002.exe	Antenna Design Type: 	328 KB
sqbomni.exe	Antenna Design	372 KB
vert.zip	Antenna Design Type: 	1.5 MB
vna.exe	SWR calculator for ham people gives total facts	434KB
TJPingPro.exe	Ping Utility	597KB
	Antenna Design Type: 	60KB

General Engineering software listing
Summary of programs:

Software	Use	Size
efus36.exe	A collection of various calculators and utilities designed for the electrical professional. Using an easy to navigate tabbed dialog interface E.F.U.S. provides a host of powerful and useful features.	1.36MB
efus36.zip	A smaller version of E.F.U.S s/w	1.07MB
RETScreen4.exe	This is a decision making tool for planners, decision-makers and industry to implement renewable energy and energy efficiency projects.	25.04 Mb
RoboRealm.zip	RoboRealm Video Processor contains all the tools you need for processing video images for use in robotic applications. It is a powerful, free, computer-vision based, application for use in machine vision, image analysis, and image processing systems.	309 Kb
turbine.zip	Calculate the steam consumption for a turbine of known power and efficiency. Required data are inlet steam pressure and temperature, and exhaust steam pressure. Program will determine steam consumption and outlet steam enthalpy.	461 Kb
Orbitron	This program gives the location of satellites at a real or simulated time.	1.95MB
PDFWriter	Converts files to PDF format	-
Qcheck	This is a utility for testing network response time, throughput, and streaming performance. It is also a valuable troubleshooting tool.	-

General Office Software listing

Summary of programs:

Software	Use	Size
ABInventoryControl.zip	Software that Records Stock Inventory data.	10.95 MB
FuzzyClock-1-2-11.dmg	FuzzyClock is a small utility that displays the current time in a "fuzzy" style in the menu bar. Because FuzzyClock has no dock icon and no menu bar, a click on the time string shows a menu with some basic functions and the time string has a tool tip with the current date/time.	199KB
infobook11d.zip	Infobook can be used for storing data (address book, CD collection, web sites, etc). Includes 20 categories with up to 3000 items in each category. Text replacement and field export for using it in other programs, like Excel.	343KB
inqVista_1.7.4.zip	inqVista" an easy to use data and image storage program. Includes calendar, clock, timer/alarm and more. Easy to use software that will help you track information that relates to assets, antiques, coins, clients, employees, inventory, online purchases and sales, phone numbers, stamps, students, team members, and any other information that you may have a need to manage.	4.1MB
Labeling.zip	Software that prints labels.	11.10MB
PersonnelManager.zip	Software to enable the user to maintain a database of Human Resources / Personnel	3.65MB
tdb.zip	DB is a small, powerful database program. With one right-click in a database or a click on the headers you can simply maintain the data.	135 Kb
todolist_exe.zip	A great tool for managing your projects/tasks	625KB
ToolingControl.zip	Software to maintain a database of Tooling data that enables the tracking of location and tool condition based on use.	3.01MB
ToolStore.zip	Software to maintain database of consumable tooling stock that enables its issuing and reorder.	3.01MB

wfmsetup.exe	WinFax Merger is a multiple-page-fax-files merger utility. It will enable you to merge your separate multiple-page WinFax fxd, fxr, fxs, fax files into single multiple-page fxm fax files in batches automatically	446KB
worktimer.zip	It's a useful tool that will help you keep track of the time you've spent on different projects. It will record time, based on different categories, and in the end when you are about to write your bill, just copy your records into applications like Word or Excel.	163KB
WTD_Contacts_Setup.exe	Contacts WTD is an application for organizing your contacts - data like name, surname, telephone numbers, addresses etc. with ease. Print, Search, Edit your records; Keep multiple databases in Microsoft Access format (.mdb), backup with ease. Export as text (.txt) format or Excel format (.xls).	1.1MB