QL ASSEMBLY LANGUAGE PROGRAMMING

Colin Opie

QL Assembly Language

The 68008 microprocessor and 128K memory provide the Sinclair QL computer with unparalleled power in a personal computer. One of the most powerful features of 'SuperBASIC' is the ability to merge machine-code routines into it, to enlarge the variety of commands available . . .

This is much more than a book about 68000 Assembly Language programs. It provides all the basic material, but with special reference to the QL, its architecture, and its operating system. You will find invaluable information about QDOS, QL graphics, and important ROM utility calls, along with lots of examples, themselves useful machine-code routines.

QL Machine-Code Editor/Assembler

A full 68000 Editor/Assembler has been written to accompany this book, and is available separately. It can output to screen, printer or Microdrive, and incorporates a range of professional features including pseudo-ops, assembler directives, alternative mnemonics, and external library file inclusion. Full details are given inside this book — see appendix D.

'Colin Opie's book is an accurate and comprehensive guide to writing independent machine-code programs, and to expanding SuperBASIC with machine code. It's also a valuable reference to 68000 programming and to the QDOS operating system.'

Tony Tebby, *designer of the QL QDOS operating system*