

8-Bit Microprocessor ICs — continued

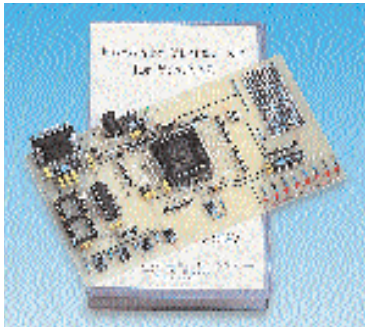
SEM242

Mfr.	Pins	Description
80C515, 517, 535, 537		
80C515	INF 68	8-bit CMOS CPU, 2048b RAM, 10-bit ADC, 3 Timers, 48 I/Os, 12 interrupts programmable baudrate generator, serial interface - 18MHz (PLCC).....
80C515	INF 68	8-bit CMOS CPU, 1280b RAM – 18MHz (on-board ADC/PWM). PLCC Package. Hardware starter kit = 638-912.....
80C517	INF 84	8-bit CMOS CPU, 2304b RAM – 18MHz (on-board ADC/PWM), MDU. PLCC Package. Hardware starter kit = 638-924.....
80C535	INF 68	8-bit CMOS CPU, 256b RAM – 12MHz (on-board ADC/PWM). PLCC Package. Hardware starter kit = 638-912.....
80C537	INF 84	8-bit CMOS CPU, 256b RAM – 12MHz (on-board ADC/PWM), MDU. PLCC Package. Hardware starter kit = 638-924.....
—	INF —	SIEMENS CDROM

Mfrs. List No.	Order Code	1+	10+	100+	250+	500+
SAB80C515A-N18T3	SMD 343-1575					
SAB80C515AN18	SMD 539-181					
SAB80C517AN18	SMD 539-193†					
SAB80C535N	SMD 389-250†					
SAB80C537N	SMD 389-262 884-455.					

† Available until stocks are exhausted

80C5X Starter Kits



Three separate development boards, designed for Farnell by Bluebird Electronics, for Philips 80C552, Infineon 80C515/535 and Infineon 80C517/537 8051 based micro-controllers. The product is aimed at engineers looking for a quick development board to test out their ideas before laying out the production design.

Each kit contains a screen printed double sided PCB with all port pins available to the developer, PLCC socket for the processor, RS232 interface with driver IC, socket and decode for 8, 16 or 32K EPROM, 5 push buttons - one dedicated to reset, 2.5mm power socket, 12MHz crystal, driver IC with 8 LEDs, 200 hole patch area, circuit diagram and assembly notes.



SEM320

	Order Code	Price Each
Hardware kit for 80C552 micros	638-900	
Hardware kit for 80C515/535 micros	638-912	
Hardware kit for 80C517/537 micros	638-924	

SEM223

Mfr.	Pins	Description
8XC550, 8XC552, 8XC562, 8XC652, 8XC654		
80C550	PS 40	8-bit CMOS CPU, 256 bytes RAM – 16MHz (on-board 8-bit ADC), Plastic
80C552	PS 68	8-bit CMOS CPU, 256 bytes RAM – 16MHz (on-board 10-bit ADC/PWM/I ² C-bus serial I/O port). PLCC Package (Revision 5). Hardware starter kit available - see 638-900.....
80C552	PS 68	8-bit CMOS CPU, 256 bytes RAM – 24MHz (on-board 10-bit ADC/Capture-Compare timer/PWM/I ² C-bus serial I/O port). PLCC Package
80C552	PS 68	8-bit CMOS CPU, 256 bytes RAM – 16MHz (on-board 8-bit ADC/Capture-Compare timer/16-bit timers/PWM/WDG/JART). PLCC Package
87C550	PS 40	8-bit CMOS CPU, 4Kb EPROM, 128 bytes RAM – 16MHz (on-board 8-bit ADC) ..
87C550	PS 40	8-bit CMOS CPU, 4Kb OTP PROM, 128 bytes RAM – 16MHz (on-board 8-bit ADC), Plastic.....
87C550	PS 44	8-bit CMOS CPU, 4Kb OTP PROM, 128 bytes RAM – 16MHz (on-board 8-bit ADC), PLCC Package
87C552	PS 68	8-bit CMOS CPU, 8Kb OTP PROM, 256 bytes RAM – 16MHz, 8 channel, 10 bit ADC, PWM, PLCC Package
87C652	PS 44	8-bit CMOS CPU, 8Kb OTP PROM, 256 bytes RAM – 16MHz, PLCC Package
87C652	PS 40	8-bit CMOS CPU, 8Kb OTP PROM, 256 bytes RAM – 16MHz, Plastic
87C654	PS 40	8-bit CMOS CPU, 16Kb OTP PROM, 256 bytes RAM – 16MHz, Plastic.....
87C748/749		
87C748	PS 24	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM - 16MHz, Plastic (87C751 without I ² C).....
87C749	PS 24	8-bit CMOS, 2Kb OTP PROM, 64 bytes RAM – 16MHz, Plastic (87C752 without I ² C).....
87C750		
87C750	PS 28	8-bit CMOS CPU, 1Kb OTP PROM, 64 bytes RAM – 16MHz, PLCC Package
87C750	PS 24	8-bit CMOS CPU, 1Kb OTP PROM, 64 bytes RAM – 16MHz, Plastic.....
87C750	PS 24	8-bit CMOS CPU, 1Kb OTP PROM, 64 bytes RAM – 16MHz, Plastic (IND TEMP) ..
87C750	PS 28	8-bit CMOS CPU, 1Kb OTP PROM, 64 bytes RAM – 40MHz, PLCC Package
87C750	PS 24	8-bit CMOS CPU, 1Kb OTP PROM, 64 bytes RAM – 40MHz, Plastic.....
87C751		
87C751	PS 28	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM – 12MHz, PLCC Package
87C751	PS 24	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM – 12MHz, Plastic.....
87C751	PS 24	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM - 12MHz, Plastic (IND TEMP) ..
87C751	PS 24	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM – 16MHz, Plastic.....
87C752		
87C752	PS 28	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM - 12MHz, (on-board ADC/PWM), PLCC Package.....
87C752	PS 28	8-bit CMOS CPU, 2Kb OTP PROM, 64 bytes RAM – 12MHz, (on-board ADC/PWM), Plastic.....

Mfrs. List No.	Order Code	1+	10+	100+	250+
P80C550EBPN	641-637				
PCB80C552-16WP/07	SMD 389-274				
PCB80C552-5-24WP/07	SMD 121-186				
P80C562EBA/02	SMD 121-198				
P87C550EBFFA	641-613†				
P87C550EBPN	641-625				
P87C550EBAA	SMD 641-601				
P87C552SBAA	332-4930				
S87C652-4A44	SMD 296-156				
S87C652-4N40	296-144				
S87C654-4N40	483-436				
P87C748EBPN	527-658				
P87C749EBPN	571-313				
P87C750EBAA	SMD 485-160				
P87C750EBPN	445-265				
P87C750EFPN	703-321				
P87C750PBAA	SMD 492-814				
P87C750PBPN	492-802				
S87C751-1A28	SMD 389-286				
S87C751-1N24	389-304				
S87C751-2N24	631-188				
S87C751-4N24	483-424				
S87C752-1A28	SMD 631-176				
S87C752-1N28	205-588				

† Available until stocks are exhausted