

## INTEGRATED CIRCUITS

### DIGITAL

#### TTL, 74LS & 74HC

	Series	7400	74LS	74HC
Quad 2-input NAND gate		7400	74LS00	74HC00
Quad 2-input NAND gate, open collector	7401			
Quad 2-input NOR gate	7402		74LS02	74HC02
Quad 2-input NOR gate, open collector	7403		74LS03	74HC03
Hex inverter	7404		74LS04	74HC04
Hex inverter, O/C collector	7405		74LS05	
Hex inverter, Buffer 30V O/P	7406		74LS06	
Hex buffer 30V O/P	7407		74LS07	
Quad 2 input AND gate	7408		74LS08	74HC08
Quad 2 input AND gate open collector	7409		74LS09	
Triple 3 input NAND gate	7410		74LS10	74HC10
Triple 3-input AND gate			74LS11	74HC11
Dual NAND Schmitt trigger	7413		74LS13	
Hex Schmitt trigger	7414		74LS14	74HC14
Dual 4-input NAND gate	7420		74LS20	74HC20
Dual 4-input AND gate			74LS21	74HC21
Tripple 3-input positive NOR gate			74LS27	74HC27
8 input NAND gate			74LS30	74HC30
Quad positive 2-input OR gate			74LS32	74HC32
Quad 2-input pos. NAND buffer	7437		74LS37	
Quad 2-input pos. NAND buffer with open-collector outputs	7438		74LS38	
Dual 4 input NAND buffer	7440		74LS40	
BCD to decimal decoder	7442		74LS42	74HC42
4 Line-to-10 line Decoder	7443			
4 Line-to-10 line Decoder	7444			
BCD to 7 segment 15V	7447		74LS47	
Dual 2 Wide input AND-OR INV	7450			
Dual Nand-OR invert gate	7451		74LS51	74HC51
4 wide 2 input AND OR INV	7453		74LS53	
4 wide 2 input AND-OR inverter	7454		74LS54	
Dual 4 input expander	7460			
Quad 2 input exclusive-OR gate	7470			
AND gated J-K master slave flip-flop + clear	7472			
Dual J-K master slave flip-flop with clear	7473		74LS73	74HC73
Dual D type pos edge trig flip-flop pre + clear	7474		74LS74	74HC74
Quad bistable latches	7475		74LS75	74HC75
Dual J-K master slave flip-flop pre + clear	7476		74LS76	74HC76
Gated full adders	7480			
2-bit binary full adders	7482			
4-bit binary full adder with fast carry	7483		74LS83	
4-bit magnitude comparator	7485		74LS85	74HC85
Quad 2-input exclusive-or gate	7486		74LS86	74HC86
Decade counter	7490		74LS90	
8-bit serial-out shift register	7491			
Divide by twelve counter	7492		74LS92	
4-bit binary counter			74LS93	74HC93
4-bit serial/par-in/par-out shift register	7495		74LS95	
5-bit serial-in parallel-out shift register	7496		74LS96	
Gated J-K master slave flip flop	74104		74LS104	
Dual J-K flip-flop with clear	74107		74LS107	74HC107
Dual J-K pos. edge trig. flip flop with preset.+clear			74LS109	
Dual J-K Neg edge triggered flip flop with preset and clear			74LS112	74HC112
Dual J-K Neg edge triggered flip flop with preset.			74LS113	
Monostable multivibrator	74121			
Retriggerable monostable multivibrators with clear			74LS122	
Dual re-trig monostable M/V			74LS123	74HC123
Quad 3 state buffer			74LS125	74HC125
Quad bus buffer gates	74126		74LS126	74HC126
Quad 2-input pos-NAND Schmitt			74LS132	74HC132
13-input positive NAND				74HC133
				74HC137
				74LS138 74HC138
				74LS139 74HC139
				74HC147
				74LS148
				74LS151 74HC151
				74LS153 74HC153
				74LS154 74HC154
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				74LS374 74HC374
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				74LS378
				74LS390 74HC390
				74393 74LS393 74HC393
				74LS398
				74HC540
				74LS541 74HC541
				74HC573
				74LS639
				74LS668
				74LS669
				74LS670

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## HIGH NOISE IMMUNITY LOGIC

FZ series

For prices see next page

Please note that manufacture of this range has ceased.  
All types except FZL4146G may be limited to stock.  
Used mainly in large older German machines.

SIEMENS	TYPE Nos.
Quad 2-input NAND gate with N-input	FZH115B
Dual 5-input NAND gate with N-input	FZH131
Dual AND/OR gate with N-input	FZH155
Triple 3-input NAND gate with N input	FZH195
Hex inverter with strobe inputs	FZH205
Quad 2-input NAND gate with open collector and N-input	FZH215S
Dual 2-input NAND gate and quad inverter	FZH261
Dual 2-input NAND gate and quad inverter	FZH265B
Quad 2-input exclusive OR gate with N input	FZH275
Quad 2-input NOR gate with N-input	FZH285B
JK-master-slave flip flop with 2J and K inputs and N-input on slave section	FZJ105
JK-master-slave flip flop with N-input on master slave section	FZJ111
JK-master-slave flip flop with N-input on master slave section	FZJ115
Dual JK-master-slave flip flop with set and reset inputs	FZJ125
Quad D flip flop	FZJ135
Synchronous decimal counter with set and reset inputs and N-input	FZJ145A
Synchronous 4-bit binary counter with set and reset inputs and N-input	FZJ155A
Synchronous 4-bit shift register with set and reset inputs and N-input	FZJ165
Monostable multivibrator or pulse delay	FZK105
BCD-decimal decoder-driver for indicator tubes	FZL105
Driver with open collector output and 3 inputs for 20V	FZL125S
Driver with open emitter output and 4 inputs for 20V	FZL131S
Driver with open emitter output and 4 inputs for 30V	FZL135S
Driver for power transistors for 30V	FZL145
Driver for power transistors for 30V	FZL145S
Quad driver incl. short-circuit signalling	FZL4145D
Quad driver incl. short-circuit signalling	FZL4146G

Please contact us for other types in this range - they may be available in small quantities.

## CMOS

For prices see next page

### 4000 & 74HC4000 SERIES

	Series	4000	74HC4000
Dual 3-input NOR gate + inverter		4000B	
Quad 2 input NOR gate		4001B	
Dual 4-input NOR gate		4002B	
18 stage static shift register		4006B	
Dual compl. pair + inverter		4007B	
4-bit binary full adder		4008B	
Hex inverter/buffer		4009UB	
Hex buffers		4010B	
Quad 2-input NAND gate		4011B	
Dual 4-input NAND gate		4012B	
Dual D-type flip flops		4013B	
8-bit shift register		4014B	
Dual 4-bit shift register		4015B	
Quad bilateral switches		4016B	74HC4016
Decade counter/divider		4017B	
Presetable divider by n counter		4018B	
Quad 2- input multiplexers		4019B	
14 stage binary counter		4020B	74HC4020
8-bit static shift register		4021B	
Divide by 8 counter/divider		4022B	
Triple 3-input NAND gates		4023B	
7 stage binary counter		4024B	
Triple 3-input NOR gates		4025B	
Decade ctr. with dec 7 seg output		4026B	
Dual J-K master slave flip flops		4027B	
BCD-to-decimal decoder		4028B	74HC4028
Sync. presetable bin/decoder		4029B	
12 stage ripple carry binary counter		4030UB	
4-bit universal shift register		4035B	
12 stage ripple carry binary counter		4040B	74HC4040
Quadruple true/complement buffer		4041B	
Quad. clocked D-type latches		4042B	
Quad. NOR R/S latches		4043B	
Quad NAND R/S latches		4044B	
Micropower phase locked loop		4046B	74HC4046A
Monostable/astable		4047B	
Hex inverters/buffers		4049B	
Hex buffers		4050B	74HC4050
8-Channel analogue multi/demultiplex			74HC4051
2 x 4-chan. analogue multi/demultiplex	4052B		74HC4052
3 x 2-chan. analogue multi/demultiplex	4053B		74HC4053
14 stage ripple carry binary counter	4060B		74HC4060
Quad bilateral switches	4066B		74HC4066
Hex inverters	4069UB		
Quad 2-input exclusive OR gate	4070UB		
Quad 2-input OR buffer gate	4071B		
Dual 4-input OR gate	4072B		
Triple 3-input OR gate	4075B		74HC4075
Quad D-type flip flop	4076B		
Quad EXCLUSIVE-NOR gate	4077B		
8-input NOR gate			74HC4078
Quad 2-input AND gate	4081B		
Dual 4-input AND gate	4082B		
Quad 2-input NAND schmitt	4093B		
8-stage shift and store bus register			74HC4094
8-bit synchronous binary down counter			74HC40103
Hex Schmitt trigger	40106B		
Strobed hex inverter/buffer	4502B		
BCD up/down counter	4510B		74HC4510
BCD to 7-segment latch/decoder/driver	4511B		74HC4511
1 of 16 decod/demult. with input latches	4514B		74HC4514
Binary up/down counter	4516B		
Dual BCD counter	4518B		
Dual binary counter	4520B		74HC4520
Programmable 4-bit BCD down counter	4522B		
Programmable 4-bit binary down counter	4526B		
Dual monostable multivibrator	4528B		
Dual precision monostable multivibrator	4538B		74HC4538
Programmable timer	4541B		
BCD to 7-segment latch/decoder/driver	4543B		74HC4543
Dual 1 of 4 decoder/demultiplexer	4555B		
Hex gate	4572B		
Hex Schmitt trigger	4584B		
4-bit magnitude comparator	4585B		

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STOCK No.	1+	25+	100+	STOCK No.	1+	25+	100+	STOCK No.	1+	25+	100+	STOCK No.	1+	25+	100+
7400	£0.84	0.49	0.37	74HC221	£0.39			4044	£0.33	0.27	0.22	4044	£0.33	0.27	0.22
7401	£0.89			74HC240	£0.37	0.31	0.25	4046	£0.36	0.30	0.25	4047	£0.34	0.29	0.23
7402	£0.84	0.49	0.37	74HC241	£0.45	0.38	0.31	74LS253	£1.19	1.00	0.90	4049	£0.27	0.22	0.18
7403	£0.84	0.49	0.37	74HC244	£0.45	0.38	0.31	74LS256	£0.60	0.51	0.46	4050	£0.26	0.22	0.18
7404	£0.89	0.51	0.40	74HC245	£0.23	0.19	0.16	74LS257	£1.19	1.00	0.90	4052	£0.32	0.27	0.22
7405	£0.89	0.51	0.40	74HC259	£0.40	0.34	0.27	74LS259	£0.73	0.62	0.55	4053	£0.32	0.27	0.22
7406	£1.49	0.86	0.66	74HC27	£0.24	0.20	0.16	74LS266	£1.37	1.15	1.03	4060	£0.40	0.33	0.27
7407	£0.84	0.49	0.37	74HC273	£0.42	0.33	0.27	74LS27	£0.44	0.37	0.33	4066	£0.21	0.18	0.14
7408	£0.89	0.51	0.40	74HC273	£0.42	0.33	0.27	74LS273	£0.89	0.75	0.67	4069	£0.22	0.18	0.15
7409	£0.89	0.51		74HC280	£0.42	0.35		74LS279	£0.54			4070	£0.22	0.19	0.15
7410	£2.59	1.50	1.15	74HC283	£0.36	0.31		74LS280	£0.58	0.49	0.44	4071	£0.31	0.26	0.21
7413	£0.00			74HC30	£0.23			74LS283	£0.77			4072	£0.20	0.17	0.14
7414	£1.49	0.86	0.66	74HC32	£0.23	0.19		74LS293	£3.07	2.59	2.32	4075	£0.20	0.17	0.14
7420	£0.89	0.51	0.40	74HC367	£0.24	0.20		74LS295	£0.69			4076	£0.34	0.28	0.23
7437	£2.75	0.43		74HC373	£0.34	0.28	0.23	74LS298	£0.54	0.45		4077	£0.20	0.17	0.14
7438	£1.83	0.30		74HC374	£0.37	0.31	0.26	74LS299	£5.87	4.95	4.45	4081	£0.14	0.11	0.09
7440	£0.74	0.97		74HC374	£0.37	0.31	0.26	74LS30	£0.44	0.37	0.33	4082	£0.20	0.17	0.14
7442	£0.53	3.00		74HC390	£0.40			74LS32	£0.44	0.37	0.33	4093	£0.20	0.17	0.14
7443	£1.68	2.15	1.65	74HC393	£0.39	0.32	0.26	74LS366	£0.39	0.32		40106	£0.30	0.25	0.20
7444	£5.20	0.29		74HC42	£0.39	0.33	0.27	74LS367	£0.89	0.75	0.67	4502	£0.38	0.32	0.26
7447	£3.71	0.29	0.22	74HC51	£0.23	0.20		74LS368	£0.39	0.32		4510	£0.44	0.37	0.30
7450	£0.50	0.57		74HC540	£0.37	0.31	0.25	74LS373	£0.73	0.62	0.55	4511	£0.41	0.34	0.28
7451	£0.50	0.43		74HC541	£0.36	0.31	0.25	74LS374	£0.73	0.62	0.55	4514	£0.85	0.74	0.67
7453	£0.99	0.51	0.40	74HC573	£0.36	0.30	0.25	74LS375	£0.65	0.55	0.49	4516	£0.44	0.37	0.30
7454	£0.74			74HC73	£0.45	0.38	0.30	74LS378	£0.76			4518	£0.33	0.28	0.23
7460	£0.89			74HC74	£0.26	0.22	0.18	74LS38	£0.56	0.47	0.42	4520	£0.33	0.28	0.22
7470	£0.95	0.80	0.62	74HC75	£0.28	0.23	0.19	74LS390	£1.27	1.07	0.96	4522	£0.48	0.41	0.33
7472				74HC76	£0.30	0.25		74LS393	£1.27	1.07	0.96	4526	£0.48	0.40	0.33
7473	£1.39			74HC85	£0.38	0.32		74LS398	£1.35			4528	£0.41	0.34	0.28
7474	£1.29	0.92	0.70	74HC86	£0.26	0.22	0.18	74LS40	£0.79	0.66	0.59	4538	£0.38	0.32	0.26
7475	£1.24	1.60		74HC93	£0.42	0.36	0.29	74LS42	£1.78	1.50	1.35	4541	£0.35	0.29	0.24
7476	£1.58	1.14		74LS00	£0.43	0.36	0.32	74LS47	£1.66	1.40	1.26	4543	£0.41	0.35	0.28
7480	£2.77			74LS02	£0.44	0.37	0.33	74LS51	£0.30	0.26		4555	£0.33	0.28	0.22
7482	£1.98			74LS03	£0.81	0.68	0.61	74LS54	£0.31	0.26		4572	£0.30	0.26	0.21
7483	£2.38	2.32	1.78	74LS04	£0.44	0.37	0.33	74LS541	£1.03	0.87	0.78	4584	£0.30	0.25	0.20
7485	£2.57	1.06	0.81	74LS05	£0.48	0.40	0.36	74LS639	£3.66			4585	£0.40	0.34	0.27
7486	£4.01	0.29		74LS06	£2.35	1.98	1.78	74LS668	£2.70			74HC4020	£0.55	0.46	0.37
7490	£1.83	1.03	0.79	74LS07	£1.24	1.04	0.94	74LS669	£1.73			74HC4028	£0.39	0.33	
7491	£0.50	1.52		74LS08	£0.44	0.37		74LS670	£2.34	1.97	1.77	74HC4040	£0.40	0.33	0.27
7492	£1.78			74LS09	£0.49	0.41	0.37	74LS73	£1.96	1.65	1.48	74HC4046A	£0.73	0.61	0.50
7495	£2.62	1.72		74LS10	£0.44	0.37	0.33	74LS74	£0.51	0.43	0.39				
7496	£4.85	0.86	0.66	74LS107	£0.39	0.32	0.29								
74104	£2.97	2.00	1.54	74LS109	£0.31	0.26		74LS75	£2.16	1.82	1.63	74HC4050	£0.28		
74107	£1.49	1.23	0.95	74LS11	£0.51	0.43	0.39	74LS76	£0.92	0.78	0.70	74HC4051	£0.22	0.19	0.15
74121	£3.47	0.57		74LS112	£0.48	0.40		74LS77	£0.27	0.23	0.20	74HC4052	£0.39	0.33	0.27
74126	£2.13	4.32		74LS113	£0.94	0.79	0.71	74LS83	£0.27	0.23	0.20	74HC4053	£0.39	0.33	0.27
74151	£0.99	0.72	0.55	74LS122	£0.91	0.77	0.69	74LS85	£0.96	0.81	0.73	74HC4060	£0.42	0.35	0.29
74154	£7.47	0.29		74LS123	£0.65	0.55	0.49	74LS86	£0.61	0.52	0.46	74HC4066	£0.28	0.23	0.19
74155	£1.24	2.15		74LS125	£0.65	0.55	0.49	74LS90	£2.42	2.04	1.83	74HC4075	£0.00		
74156	£0.50	2.91	2.24	74LS126	£1.06	0.90	0.80	74LS92	£0.59			74HC4078	£0.23		
74191	£3.71	1.96		74LS13	£0.31	0.26	0.23	74LS93	£2.42			74HC4094	£0.00		
74193	£5.04	0.19	0.15	74LS132	£0.61	0.52	0.46	74LS95	£1.31	1.10	0.99	74HC40103	£0.54	0.45	0.37
74393	£3.39	0.19		74LS138	£0.57	0.48	0.43	74LS96	£1.16	0.97	0.87	74HC4510	£0.00		
74HC00	£0.23	0.19	0.15	74LS139	£1.11	0.93	0.84	4000	£0.27	0.22	0.18	74HC4511	£0.00		
74HC02	£0.23	0.19	0.15	74LS14	£0.53	0.44	0.40	4001	£0.21	0.18	0.14	74HC4514	£1.16	0.98	0.79
74HC03	£0.23	0.19	0.15	74LS148	£2.12	1.79	1.60	4002	£0.24	0.20	0.16	74HC4520	£0.30	0.25	0.20
74HC04	£0.23	0.23	0.19	74LS151	£0.85	0.72	0.64	4006	£1.14	0.96	0.78	74HC4538	£0.29	0.24	0.20
74HC08	£0.23	0.19	0.15	74LS153	£0.85	0.72	0.64	4007	£0.22	0.19	0.15	74HC4543	£0.29		
74HC10	£0.23	0.23	0.19	74LS154	£2.62			4008	£0.34	0.28	0.23				
74HC107	£0.28	0.32	0.26	74LS155	£0.65			4009	£0.33	0.28	0.23				
74HC11	£0.23	0.22	0.18	74LS156	£0.73	0.62	0.55	4010	£0.26	0.22	0.18				
74HC112	£0.28	0.22	0.18	74LS157	£0.69	0.58	0.52	4011	£0.21	0.17	0.14				
74HC123	£0.39	0.26	0.21	74LS158	£1.50	1.27	1.14	4012	£0.23	0.19	0.16				
74HC125	£0.26			74LS161	£0.95	0.80	0.72	4013	£0.22	0.19	0.15				
74HC126	£0.26	0.28	0.23	74LS164	£0.97	0.81	0.73	4014	£0.40	0.33	0.27				
74HC132	£0.31	0.27	0.22	74LS166	£0.61	0.51	0.46	4015	£0.41	0.34	0.28				
74HC133	£0.22	0.22	0.18	74LS169	£1.94	1.63	1.47	4016	£0.25	0.21	0.17				
74HC137	£0.34	0.27	0.22	74LS174	£1.15	0.97	0.87	4017	£0.27	0.22	0.18				
74HC138	£0.34	0.27	0.22	74LS175	£0.31	0.26	0.23	4018	£0.41	0.34	0.28				
74HC139	£0.33	0.27	0.22	74LS191	£1.52	1.29	1.15	4019	£0.26	0.22	0.18				
74HC14	£0.26	0.88	0.72	74LS192	£1.00	0.84		4020	£0.39	0.33	0.27				
74HC147	£0.33	0.27	0.22	74LS193	£0.87	0.73	0.66	4021	£0.36	0.30	0.24				
74HC151	£0.33	0.33	0.27	74LS194	£0.69	0.58		4022	£0.37	0.31	0.25				
74HC153	£0.33	0.33	0.27	74LS195	£0.69	0.58		4023	£0.22	0.18	0.15				
74HC154	£1.05	0.33	0.27	74LS197	£0.86	0.72		4024	£0.32	0.27	0.22				
74HC157	£0.33	0.34		74LS20	£0.39	0.32	0.29	4025	£0.20	0.17	0.14				
74HC161	£0.39	0.36	0.29	74LS21	£0.89	0.75	0.67	4026	£0.56	0.47	0.38				
74HC166	£0.39			74LS22	£0.48			4027	£0.28	0.24	0.19				
74HC174	£0.39	0.35	0.28	74LS221	£0.91	0.77	0.69	4028	£0.32	0.27	0.22				
74HC175	£0.39			74LS240	£0.73	0.62	0.55	4029	£0.32	0.27	0.22				
74HC192	£0.40			74LS241	£0.73	0.62	0.55	4030	£0.22	0.18	0.15				
74HC193	£0.43	0.51	0.46	74LS242	£0.62	0.52	0.47	4035	£0.33	0.28	0.23				
74HC20	£0.23	0.62	0.55	74LS243	£2.71	2.29	2.05	4040	£0.33	0.28	0.22				
74HC21	£0.41	1.29	1.15	74LS244	£0.61	0.51	0.46	4041	£0.33	0.28	0.23				
				74LS245	£0.73	0.62	0.55	4042	£0.49	0.42	0.34				



## CMOS STATIC RAMS

Type	Suffix	Arch.	Package	current, mA active/standby
6116	ALP-10	2K x 8	DIP24	60/0.05
6264	ALP-10	8K x 8	DIP28	70/2
62256	ALP-70	32K x 8	DIP28	70/1
62256SM	ALJ-10	32K x 8	SO28	70/1
51008	AFP-70L	128K x 8	SOP32	15/0.1
5408	FP-10LL	512K x 8	SOP32	30/0.1

Description	STOCK No.	1+	25+	100+	
2K x 8	DIP24	<b>6116</b>	<b>£3.08</b>	<b>2.59</b>	<b>2.10</b>
8K x 8	DIP28	<b>6264</b>	<b>£3.84</b>	<b>3.62</b>	<b>3.39</b>
32K x 8	DIP28	<b>62256</b>	<b>£4.25</b>	<b>4.00</b>	<b>3.75</b>
32K x 8	SO28P	<b>62256SM</b>	<b>£2.99</b>	<b>2.82</b>	<b>2.64</b>
128K x 8	DIP32	<b>51008</b>	<b>£5.27</b>	<b>4.96</b>	<b>4.65</b>

## STATIC RAMS

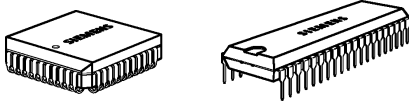
### 4118

Package: 24-DIL

Memory	Supply	Access time	STOCK No.	1+
1K x 8-bit	5V	150ns max	<b>4118</b>	<b>£1.36</b>

## TELECOM I.C.S

By Siemens



Type	Package	Description
PEB2025NV1.5	PLCC28R	ISDN exchange power controller
PEB2025PV1.5	PDIP22	
PEB2035NV4.1	PLCC24	Advanced CMOS Frame Aligner
PEB2035PV4.1	PDIP40	
PEB2045NVA3	PLCC44	Memory time switch CMOS
PEB2045PVA3	PDIP40	
PEB2046NVA3	PLCC44	Memory time switch Small
PEB2046PVA3	PDIP40	
PEB2047-16N	PLCC44	Memory time switch large
PEB2047NV2.1	PLCC44	
PEB2052NV1.5	PLCC44	PCM interface controller
PEB2052PV1.5	PDIP40	
PEB2055NVA3	PLCC44	Ext'd PCM interface controller-1
PEB2060NV4.5	PLCC28R	Signal processing CODEC filter
PEB2060PV4.5	PDIP22	
PEB2070NV2.4	PLCC28R	ISDN communications controller
PEB2070PV2.4	PDIP24	
PEB2075NV1.3	PLCC44	ISDN D-channel exch. controller
PEB2075PV1.3	PDIP28	
PEB2080NVB1	PLCC28	S-bus interface circuit
PEB2080PVB1	PDIP22	
PEB2085NV2.3	PLCC44	ISDN subscriber access controller-S
PEB2085PV2.3	PDIP40	
PEB2086HV1.1	PMQFP64	ISDN subscriber access controller
PEB2086NV1.1	PLCC44	
PEB20901NV5.1	PLCC44	ISDN Echo-Cancellation Circuit-T
PEB20902NV2.3	PLCC28	
PEB2091NV4.3	PLCC44	ISDN Echo-Cancellation Circuit-Q
PEB20950NV1.1	PLCC44	ISDN subscriber access controller-P
PEB20950PV1.1	PDIP40	
PEB2095NVA5	PLCC28	ISDN burst transceiver circuit
PEB2095PVA5	PDIP24	
PEB2235NV4.1	PLCC28	ISDN Primary access transceiver
PEB2235PV4.1	PDIP28	
PEB2260NV3.0	PLCC28	Dual channel CODEC filter

## EPROMS

### 2732

32K bits = 4K x 8 bits  
Supply +5V  
Access time 450ns max.  
Package 28-DIL

### 2764

64K bits = 8K x 8 bits  
Supply +5V  
Access time 450ns max  
Package 24-DIL

### 27128

128K bits = 16K x 8 bits  
Supply +5V  
Program V +12.5V  
Access time 250ns max  
Package 28-DIL

### 27256

256K bits = 32K x 8 bits  
Supply +5V  
Program V +12.5V  
Access time 250ns max  
Package -DIL

### 27C256

Low power version of 27256.  
Power consumption 20mW.

### 27512

512K bits = 64K x 8 bits  
Supply +5V  
Program V +12.5V  
Access time 200ns max  
Package -DIL

### 27C512

Low power version of 27512  
65536 x 8 bits  
Program voltage +23.5V

Description	STOCK No.	1+	25+	100+
1K x 8 bit	DIP24	<b>2708</b>	<i>£3.74</i>	
4K x 8 bit	DP24	<b>2732</b>	<b>£6.36</b>	<b>5.98</b>
8K x 8 bit	DP24	<b>2764</b>	<b>£5.44</b>	<b>5.12</b>
16K x 8 bit	DP28	<b>27128</b>	<i>£3.24</i>	<i>3.04</i>
32K x 8 bit	DP28	<b>27256</b>	<i>£5.83</i>	<i>5.49</i>
32K x 8 bit	DP28	<b>27C256</b>	<b>£2.55</b>	<b>2.40</b>
64K x 8 bit	DP28	<b>27C512</b>	<b>£2.93</b>	<b>2.65</b>
128K x 8 bit	DP32	<b>27C1001</b>	<b>£3.20</b>	<b>2.90</b>
256K x 8 bit	DP32	<b>27C2001</b>	<b>£4.48</b>	<b>4.06</b>
512K x 8 bit	DP32	<b>27C4001</b>	<b>£5.92</b>	<b>5.37</b>

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## DYNAMIC RAMS

### **4116**

16K bits = 16K x 1 bit  
 Supplies +5V, +12V  
 Access time 250ns max  
 Package 16-DIL

### **4164**

64K bits = 64K x 1 bit  
 Supply 5V  
 Access time 150ns max  
 Package 16-DIL

### **41256**

256K bits = 256K x 1 bit  
 Supply 5V  
 Access time 150ns  
 Package 16-DIL

### **511000**

1048756 x 1 bit  
 Access time 80ns  
 Supply: 5V @ 20mA (standby 2mA)  
 18-pin DIP

Description	STOCK No.	1+	25+	100+
16K x 1 bit 250ns	<b>4116/25</b>	<i>£1.80</i>	<i>1.56</i>	<i>1.42</i>
16K x 1 bit 300ns	<b>4116/30</b>	<i>£1.15</i>	<i>1.00</i>	<i>0.91</i>
64K x 1 bit	<b>4164</b>	<i>£1.36</i>	<i>1.18</i>	
256K x 1 bit	<b>41256</b>	<i>£5.61</i>		
1M x 1 bit	<b>511000</b>	<b>£5.05</b>	<b>4.75</b>	<b>4.46</b>

Prices in italics indicate possible supply restriction

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