

Programmable Logic Devices — continued

ispPAC



The ispPAC system comprises of a development kit and associated devices which bring analogue functions such as sum/difference, gain/attenuation, integration and high order filters under the control of a programmable routing architecture. The individual PACells have programmable gain and frequency response with user definable routing so that separate internal blocks may be either connected together, or connected to external pins on the device, in this way analogue functions may be produced without compromising performance or bandwidth. The devices are In-System Programmable, and the development kits include the necessary cables and software together with an evaluation board and sample devices.



- The PAC-Designer kit includes:
- PAC-Designer 'Getting Started Manual'
  - Software on CD-ROM
  - Single 5V supply signal conditioning
  - Active filters, Gain stages, Summing blocks
  - isp Interface to connect to PC parallel port
  - Evaluation board
  - Analogue Front-Ends for Data Acq. systems
  - Sensor signal conditioning

Description	Mfrs. List No.	Order Code	Price Each		
			1+	10+	100+
Evaluation kit for ispPAC 10 devices.....	ISPPAC-Designer system 10	<b>333-1568</b>			
Evaluation kit for ispPAC 20 devices.....	ISPPAC-Designer system 20	<b>333-1570</b>			
ispPAC with four Instrument Amplifier stages, 28pin DIP..	ISPPAC10-01PI	<b>332-7784</b>			
ispPAC with four Instrument Amplifier stages, 28pin SOIC	ISPPAC10-01SI	<b>332-7796</b>			
ispPAC with two Instrument Amplifier stages, 8-bit DAC and Fast dual comparator, 44 pin PLCC .....	ISPPAC20-01JI	<b>332-7802</b>			

SEM889

Static RAMs

SEM65A SEM65B SEM65C

512-Bit	Mfr.	Pins	Description	Mfrs. List No.	Order Code	Price Each				
						1+	10+	100+	250+	500+
41T56	ST	8	512 (64 8) CMOS Serial Access TIMEKEEPER® SRAM with I <sup>2</sup> C Bus Interface.....	MK41T56N00	<b>271-500</b>					
41T56	ST	8	512 (64 8) CMOS Serial Access TIMEKEEPER® SRAM with I <sup>2</sup> C Bus Interface (IND TEMP).....	MK141T56S00	<b>SMB 688-630</b>					
<b>2K</b>										
81C55	OKI	44	2K (256 8) CMOS SRAM with I/O Ports and Timer, 5MHz (PLCC Package).....	MSM81C55-5JS	<b>SMD 632-065</b>					
81C55	OKI	40	2K (256 8) CMOS SRAM with I/O Ports and Timer, 5MHz.....	MSM81C55-5RS	<b>485-020.</b>					
81C55	OKI	40	2K (256 8) CMOS SRAM with I/O Ports and Timer, 3MHz.....	MSM81C55RS	<b>391-761.</b>					
8570	PS	8	2K (256 8) Low Power CMOS SRAM with I <sup>2</sup> C Bus Interface.....	PCF8570P	<b>391-773</b>					
8570	PS	8	2K (256 8) Low Power CMOS SRAM with I <sup>2</sup> C Bus Interface.....	PCF8570T	<b>SMD 569-150</b>					
<b>16K</b>										
7C128	CYP	24	16K (2K 8) CMOS SRAM, 45ns acc.....	CY7C128-45PC	<b>391-839</b>					
7C128	CYP	24	16K (2K 8) CMOS SRAM, 20ns acc.....	CY7C128A-20PC	<b>301-1562</b>					
7C128	CYP	24	16K (2K 8) CMOS SRAM, 20ns acc.....	CY7C128A-20VC	<b>SMD 301-1574</b>					
48T02	ST	24	16K (2K 8) TIMEKEEPER® SRAM, 150ns acc.....	M48T02-150PC1	<b>504-932.</b>					
48T02	ST	24	16K (2K 8) TIMEKEEPER® SRAM, 200ns acc., Vpfd <4.75V.....	M48T02-200PC1	<b>688-368</b>					
48T12	ST	24	16K (2K 8) TIMEKEEPER® SRAM, 150ns acc., Vpfd <4.5V.....	M48T12-150PC1	<b>688-370</b>					
48T12	ST	24	16K (2K 8) TIMEKEEPER® SRAM, 200ns acc., Vpfd <4.5V.....	M48T12-200PC1	<b>688-381</b>					
2016	DAL	24	16K (2K 8) CMOS SRAM, 100ns acc., (6116 equiv.).....	DS2016-100	<b>795-914</b>					
2016	DAL	24	16K (2K 8) CMOS SRAM, 100ns acc., (6116 equiv.).....	DS2016S-100	<b>SMD 795-926†</b>					
6116	IDT	24	16K (2K 8) CMOS SRAM, 45ns acc.....	IDT6116SA45P	<b>793-292</b>					
6116	IDT	24	16K (2K 8) CMOS SRAM, 45ns acc.....	IDT6116SA45Y	<b>SMD 793-309</b>					
6116	TEM	24	16K (2K 8) CMOS SRAM, 50ns acc., ultra low power.....	HM3-6116L5	<b>304-3460</b>					
6116	HT	24	16K (2K 8) CMOS SRAM, 70ns acc., low power.....	HT6116-7LL	<b>283-599</b>					
6116	HT	24	16K (2K 8) CMOS SRAM, 70ns acc.....	HT6116-70	<b>115-850</b>					
6116	HT	24	16K (2K 8) CMOS SRAM, 70ns acc.....	HT6116-70S	<b>SMD 115-861</b>					
6167	IDT	20	16K (16K 1) CMOS SRAM, 25ns acc.....	IDT6167SA25P	<b>793-310</b>					
6168	IDT	20	16K (4K 4) CMOS SRAM, 25ns acc.....	IDT6168SA25P	<b>793-322</b>					
6216	ZMD	24	16K (2K 8) CMOS SRAM, 85ns acc., low power (IND TEMP).....	U6216ADK08L	<b>796-402</b>					
6216	ZMD	24	16K (2K 8) CMOS SRAM, 85ns acc., low power (IND TEMP).....	U6216ASK08L	<b>SMD 796-396</b>					
65728	TEM	24	16K (2K 8) CMOS SRAM, 35ns acc., low power.....	HME65728BK5	<b>485-512†</b>					
65728	TEM	24	16K (2K 8) CMOS SRAM, 25ns acc., 0.3".....	HM3-65728BH-5	<b>332-4631</b>					
65728	TEM	24	16K (2K 8) CMOS SRAM, 55ns acc., low power.....	HM3-65728BN5	<b>485-548</b>					
65767	TEM	24	16K (16K 1) CMOS SRAM, 25ns acc., low power.....	HME65767BH5	<b>485-536</b>					
<b>64K</b>										
7C185	CYP	28	64K (8K 8) CMOS SRAM, 20ns acc.....	CY7C185-20PC	<b>301-1549</b>					
7C185	CYP	28	64K (8K 8) CMOS SRAM, 20ns acc.....	CY7C185-20VC	<b>SMD 301-1550</b>					
48T08	ST	28	64K (8K 8) TIMEKEEPER® SRAM, 100ns acc.....	M48T08-100PC1	<b>504-944</b>					
48T08	ST	28	64K (8K 8) TIMEKEEPER® SRAM, 150ns acc., Vpfd <4.75V.....	M48T08-150PC1	<b>688-393</b>					
48T18	ST	28	64K (8K 8) TIMEKEEPER® SRAM, 100ns acc., Vpfd <4.5V.....	M48T18-100MH1	<b>SMD 688-400</b>					
48T18	ST	28	64K (8K 8) TIMEKEEPER® SRAM, 100ns acc., Vpfd <4.5V.....	M48T18-100PC1	<b>688-411</b>					
48T18	ST	28	64K (8K 8) TIMEKEEPER® SRAM, 150ns acc., Vpfd <4.5V.....	M48T18-150PC1	<b>688-423</b>					
61C64	ISSI	28	64K (8K 8) CMOS SRAM, 20ns acc., low power.....	IS61C64AH20J	<b>SMD 700-060</b>					
62C64	ISSI	28	64K (8K 8) CMOS SRAM, 70ns acc., low power.....	IS62C64-70W	<b>692-815†</b>					
76C88	GOLD	28	64K (8K 8) CMOS SRAM, 120ns acc., low power (6264 equiv.).....	GM76C88AL12	<b>641-959†</b>					
2064	DAL	28	64K (8K 8) CMOS SRAM, 200ns acc., (6264 equiv.).....	DS2064-200	<b>795-938</b>					
6264	HIT	28	64K (8K 8) CMOS SRAM, 100ns acc., low power.....	HM6264BLP10	<b>392-248†</b>					
6264	HIT	28	64K (8K 8) CMOS SRAM, 100ns acc., low power.....	HM6264BLFP10L	<b>SMD 703-898†</b>					
6264	HT	28	64K (8K 8) CMOS SRAM, 70ns acc., low power.....	HT6264-70DIP	<b>283-605</b>					
6264	HT	28	64K (8K 8) CMOS SRAM, 70ns acc.....	HT6264-70	<b>115-873</b>					
6264	HT	28	64K (8K 8) CMOS SRAM, 70ns acc.....	HT6264-70SKW	<b>SMD 115-885</b>					
6264	HYUN	28	64K (8K 8) CMOS SRAM, 100ns acc., low power.....	HY6264ALP10	<b>204-717</b>					
6264	HYUN	28	64K (8K 8) CMOS SRAM, 100ns acc., ultra low power.....	HY6264AP10LL	<b>332-0364</b>					
6287	HIT	22	64K (64K 1) CMOS SRAM, 45ns acc.....	HM6287LP45	<b>392-376†</b>					
7164	IDT	28	64K (8K 8) CMOS SRAM, 20ns acc.....	IDT7164S20Y	<b>SMD 793-346</b>					
7164	IDT	28	64K (8K 8) CMOS SRAM, 35ns acc.....	IDT7164S35P	<b>793-334</b>					
65764	TEM	28	64K (8K 8) CMOS SRAM, 50ns acc.....	HM3-65764F5	<b>304-3484</b>					

† Available until stocks are exhausted

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