

# zilog® Turnkey Universal Remote Control Kit

The Crimzon RC Bullet™ Reference Design Kits are ideally suited for Universal Remote Control applications.

These kits feature both learning and non-learning models with both three-in-one (Cable/Satellite, DVD/VCR and TV) and six-in-one feature sets (Cable, Satellite, Audio, TV, DVD and VCR) for the North American and European marketplaces.

Built on the Z8-based ZLx16300 and ZLx32300 IR MCU, and competitively priced, the kits give you everything needed to start manufacturing branded universal remote controls today.

269-3380-ND	USA, 3-Function, Non-Learning.....	93.65
269-3381-ND	European, 3-Function, Non-Learning.....	93.65
269-3382-ND	USA, 6-Function, Non-Learning.....	93.65
269-3383-ND	European, 6-Function, Non-Learning.....	93.65
269-3384-ND	USA, 6-Function, Learning.....	115.43
269-4665-ND◆	USA, 6-Function, Learning.....	116.16
269-3385-ND	European, 6-Function, Learning.....	115.43

◆ RoHS Compliant

## Thermostat Application Module Kit

Thermostat Application Module provides a flexible platform for training and experimentation on a number of microcontroller and microprocessor devices.

The module contains no processor. It is designed to attach to the eZ80 development platforms, which contain both the processors and the control programs that make the development function.

### Features:

- Simple bit-I/O (LEDs, switches, lamp, and fan)
- Alphanumeric LCD display via the GPIO interface
- Temperature sensor via the I<sup>2</sup>C interface
- EEPROM data storage via the I<sup>2</sup>C interface
- Flash program storage for eZ80 family devices

269-3198-ND..... 61.71

## Z86L99 with IR Solutions

In-circuit emulators are interactive, Windows-oriented development tools, providing a real-time environment for emulation and debugging. Provides essential timing and I/O circuitry to simplify user emulation of prototype hardware and software products.

### Features:

- Supports up to 32K of ROM
- Varies the operating voltage from 3.0V – 4.0V
- Supports in-circuit emulation on target systems that operate at 3.0V – 4.0V
- Powers the In-Circuit Emulator (ICE) chip from either the emulator or target board
- Supports IR devices that operate at up to 8MHz
- Emulates 28-pin DIP and 40-pin DIP
- Provides OTP programming for 28-pin DIP and SOIC packages, 40-pin PDIP, 48-pin SSOP
- Multi-tasks with other Windows applications while Zilog Developer Studio (ZDS) is running

269-3241-ND Z86L99 In-Circuit Emulator..... 617.10



## Microprocessors

Speed (MHz)	Features	Timers	Operating Voltage (V)	Operating Temperature Range	Package	Digi-Key Part No.	Price Each			Zilog Part No.
							1	25	100	
6	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3004-ND	6.77	5.09	3.77	Z8018006FSC
6	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3879-ND◆	6.77	5.09	3.77	Z8018006FSG
6	2-UARTS, 2DMA's	2	5	-40°C – 105°C	64-Dip	269-3880-ND◆	7.62	5.72	4.24	Z8018006PEG
6	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-3881-ND◆	6.43	4.82	3.57	Z8018006PSG
6	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3007-ND	7.62	5.72	4.24	Z8018006VEC
6	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-3008-ND	6.43	4.82	3.57	Z8018006VSC
8	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3009-ND	7.19	5.40	4.00	Z8018008FSC
8	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3882-ND◆	7.19	5.40	4.00	Z8018008FSG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	64-Dip	269-3883-ND◆	8.10	6.08	4.51	Z8018008PEG
8	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-3884-ND◆	6.69	5.02	3.71	Z8018008PSG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3012-ND	9.23	6.93	5.14	Z8018008VEC
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3885-ND◆	9.23	6.93	5.14	Z8018008VSC
8	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-3886-ND◆	6.69	5.02	3.71	Z8018008VSG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3887-ND◆	8.19	6.15	4.56	Z8018010FSG
10	2-UARTS, 2DMA's	2	5	-40°C – 105°C	64-Dip	269-3888-ND◆	9.50	7.13	5.28	Z8018010PEG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-3889-ND◆	8.19	6.15	4.56	Z8018010PSG
10	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3890-ND◆	9.50	7.13	5.28	Z8018010VEG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-3018-ND	8.19	6.14	4.55	Z8018010VSC
6	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-LQFP	269-4572-ND◆	3.57	2.68	1.99	Z84C0006AEG
6	2-UARTS, 2DMA's	2	5	-40°C – 105°C	40-Dip	269-3892-ND◆	3.57	2.68	1.99	Z84C0006PEG
6	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-PLCC	269-3893-ND◆	3.57	2.68	1.99	Z84C0006VSG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-LQFP	269-4573-ND◆	3.57	2.68	1.99	Z84C0008AEG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	40-Dip	269-3895-ND◆	3.57	2.68	1.99	Z84C0008PEG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-PLCC	269-3896-ND◆	3.57	2.68	1.99	Z84C0008VSG
10	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-LQFP	269-4574-ND◆	3.57	2.68	1.99	Z84C0010AEG
10	2-UARTS, 2DMA's	2	5	-40°C – 105°C	40-Dip	269-3898-ND◆	3.57	2.68	1.99	Z84C0010PEG
10	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-PLCC	269-3899-ND◆	3.57	2.68	1.99	Z84C0010VEG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-LQFP	269-4575-ND◆	8.45	6.34	4.69	Z84C0020AEG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	40-Dip	269-3901-ND◆	8.45	6.34	4.69	Z84C0020PEG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-PLCC	269-3030-ND	8.45	6.34	4.69	Z84C0020VSC
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	44-PLCC	269-3902-ND◆	8.45	6.34	4.69	Z84C0020VEG
8	2-UARTS, 2DMA's	2	5	-40°C – 105°C	40-Dip	269-3903-ND◆	7.84	5.89	4.36	Z84C1008PEG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-3098-ND	6.77	5.09	3.77	Z8S18010FSC
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-4296-ND◆	6.77	5.09	3.77	Z8S18010FSG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-4297-ND◆	6.43	4.82	3.57	Z8S18010PSG
10	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-4298-ND◆	6.43	4.82	3.57	Z8S18010VSG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	80-QFP	269-4299-ND◆	10.80	8.11	6.00	Z8S18020FEG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	80-QFP	269-3104-ND	10.80	8.11	6.00	Z8S18020FEC1960
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	80-QFP	269-4300-ND◆	10.80	8.11	6.00	Z8S18020FEG1960
20	2-UARTS, 2DMA's	2	5	0°C – 70°C	80-QFP	269-4541-5-ND◆	8.91	6.69	4.95	Z8S18020FSG
20	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-4301-ND◆	8.91	6.69	4.95	Z8S18020PSG
20	2-UARTS, 2DMA's	2	5	0°C – 70°C	64-Dip	269-4302-ND◆	8.91	6.69	4.95	Z8S18020PSG1960
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-4303-ND◆	10.80	8.11	6.00	Z8S18020VEG
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3110-ND	10.80	8.11	6.00	Z8S18020VEC1960
20	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-4304-ND◆	10.80	8.11	6.00	Z8S18020VEG1960
20	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-4305-ND◆	8.91	6.69	4.95	Z8S18020VSG1960
20	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-3863-ND◆	8.91	6.69	4.95	Z8S18020VSG
33	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-3115-ND	11.85	8.89	6.58	Z8S18033VEC
33	2-UARTS, 2DMA's	2	5	-40°C – 105°C	68-PLCC	269-4306-5-ND◆	11.85	8.89	6.58	Z8S18033VEG
33	2-UARTS, 2DMA's	2	5	0°C – 70°C	68-PLCC	269-4307-ND◆	9.84	7.39	5.47	Z8S18033VSG

† Tube ◆ RoHS Compliant

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