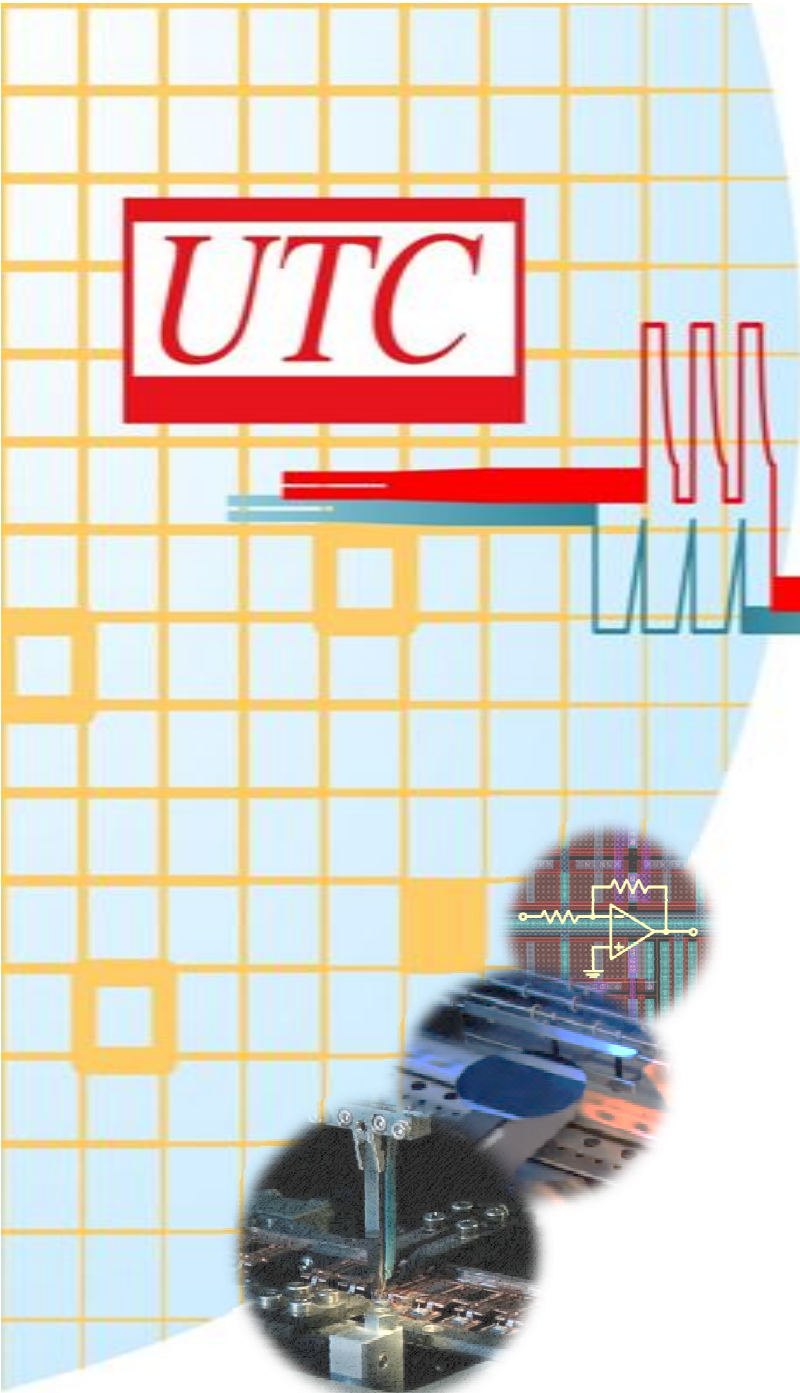


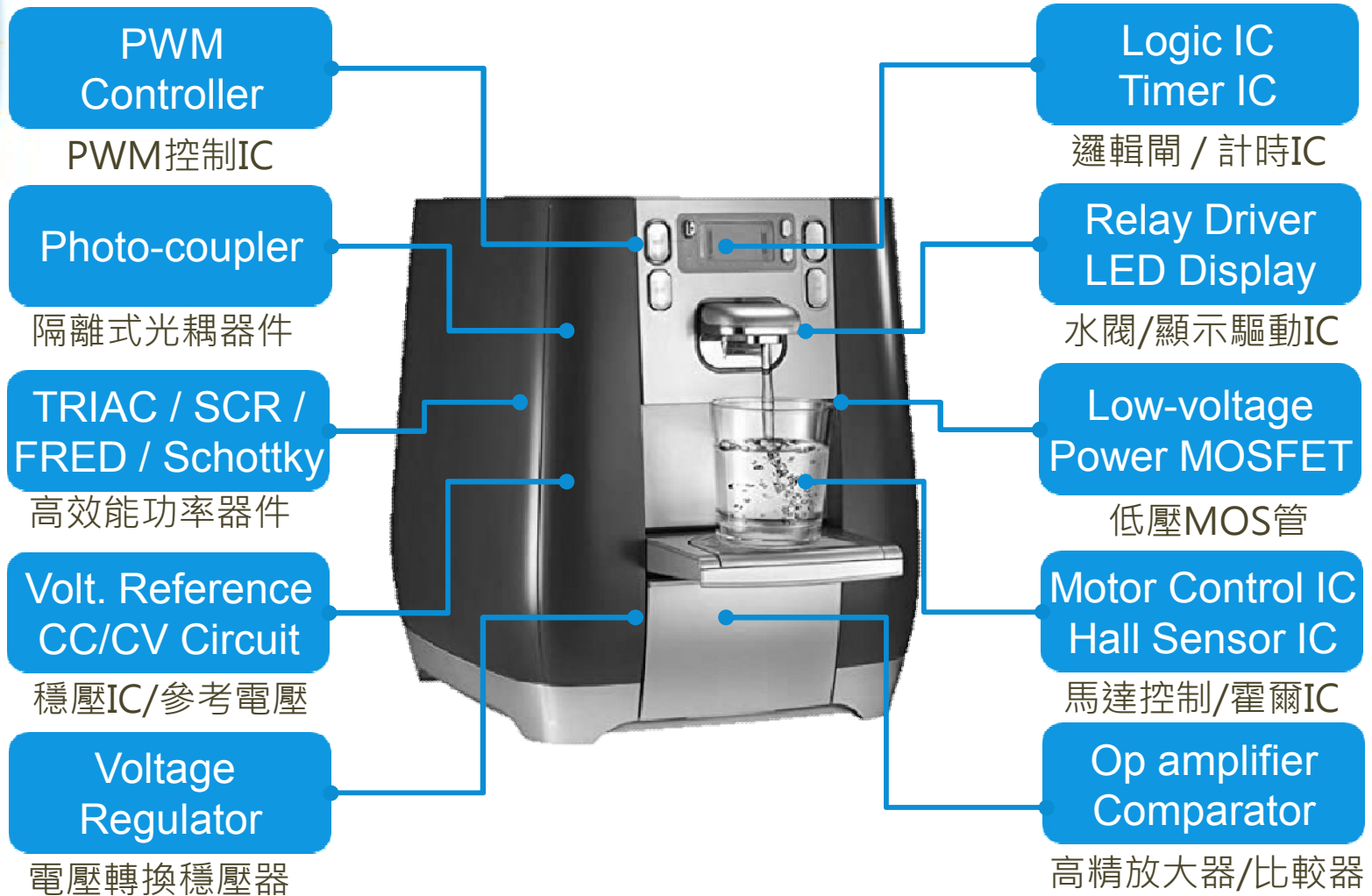
The background of the slide features a light blue and yellow grid pattern. On the left, there is a red-bordered box containing the letters 'UTC' in a red, serif font. Below this box, there are several overlapping circular images: a circuit board, a mechanical component, and a close-up of a circuit board with a component being soldered. To the right of the 'UTC' box, there are two overlapping waveforms, one red and one blue, and a thick red horizontal bar that extends across the slide.

UTC

Unisonic Technologies

Product Introduction

Parts in Water Filter





Parts in Water Filter

Category	Part No.	Description	Package
PWM IC	UCS1654S	Fly-back controller w. MOSFET	DIP-7A DIP-8
Opto isolation	UPC817	Photo-coupler CTR 50~600	SMD-4 DIP-4 LSOP-4
CC/CV control	UM611	2 op amps with V _{REF}	SOT-26
TRIAC	BTA04	4A TRIAC	TO-220F
SCR	MCR100	200~800V 1A SCR	SOT-23 SOT-89 SOT-223 TO-92
Rectifier Diode	US1M	1000V 1A ultrafast FRED	SMA SOD-123F
TVS Diode	SMDJ	3000W (at 10/1000us) TVS	SMC
Schottky	MBR2060C	Schottky rectifier 60V 20A	TO-252 TO-263 TO-220/F
Power MOSFET	USG135N10	SGT 100V <5mΩ for SR	TO-220 TO-263 TO-220F1 PDFN5X6 TO-252
Power MOSFET	UT3404	N-ch MOSFET 30V 5.8A	SOT-23 SOT-26 SOP-8 PDFN3X3
Power MOSFET	UT70P03	P-ch MOSFET -30V 70A	PDFN5X6 TO-252 TO-251 TO-220/F
Power MOSFET	UD4606	N-ch+P-ch 30V/-30V combo	SOP-8 DIP-8





Parts in Water Filter

Category	Part No.	Description	Package
DC converter	UD24121	24V 1.2A 1.4MHz step-down	SOT-26
CMOS LDO	LR9103	0.15A low-noise LDO regulator	SOT-25 SOT-23-5 SOT-343 DFN1010
Regulator	78Lxx	35V 0.1A linear regulator	SOT-25 SOT-89 SOT-223 SOP-8 TO-92 TO-92NL
Volt. Detect.	UIC812	Reset IC open-drain output	SOT-23 SOT-23-3 SOT-143 SOT-343 SOT-25 SOT-353
Volt. Comparator	ULC393	Low power voltage comparator	SOP-8
Op amplifier	ULV8551XK	1-ch RRIO zero-drift op amp	SOT-25
Logic gate	U74AHC1G08	Single 2-input AND gate	SOT-25 SOT-353
Timer IC	C555	Monostable timing circuit	DIP-8 SOP-8 MSOP-8
Multiplexer	4052	4-ch analog multiplexer	DIP-16 SOP-16 TSSOP-16
Driver array	ULN2003	7-ch Darlington sinking driver	DIP-16 SOP-16 TSSOP-16
Display Driver	UL318	10-digit LED ctrl. with keyscan	SOP-28
Motor Control	UMD9116	H-bridge motor driver	SOP-8
Hall sensor	SK1816	20V motor / rotation sensing	SOT-23 SIP-3

