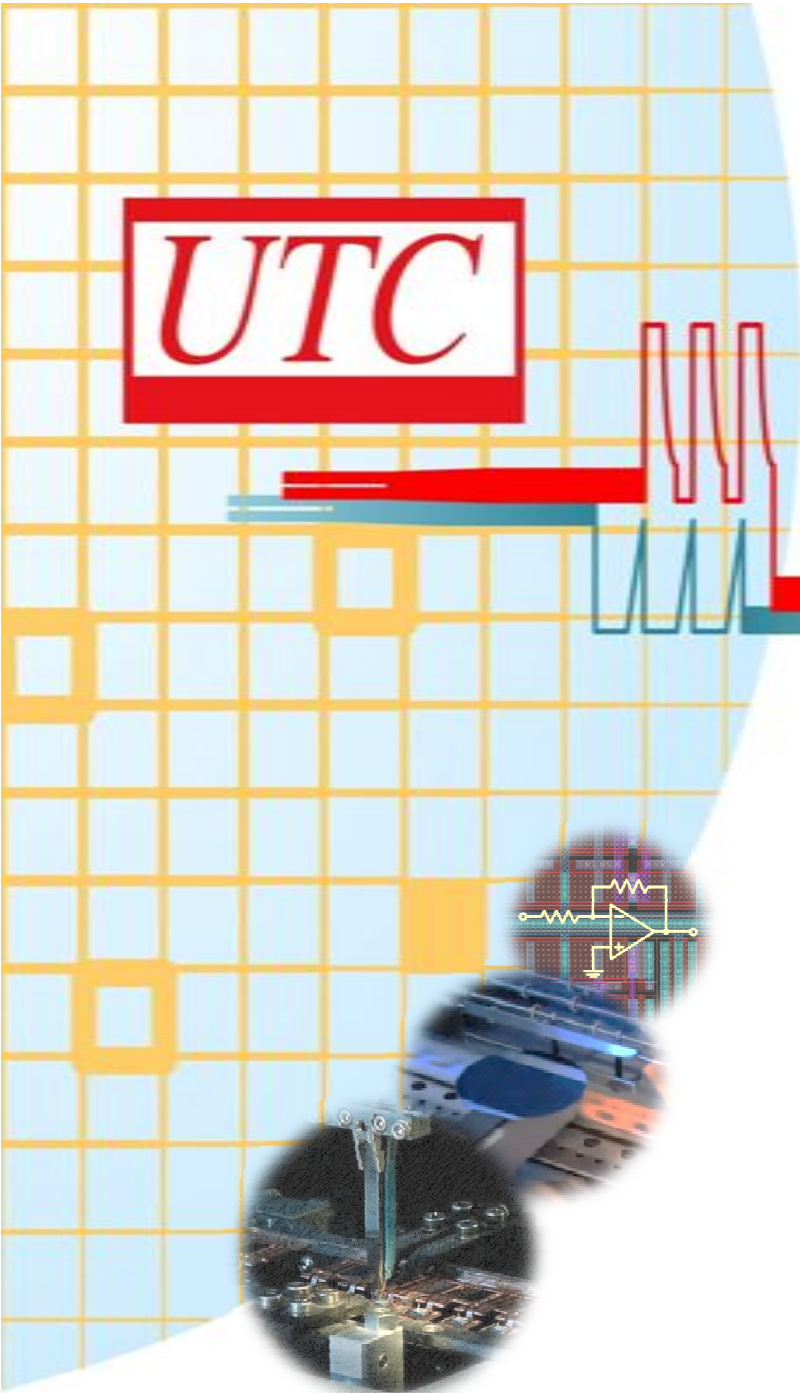


The background of the slide features a light blue grid pattern with yellow squares. On the left, there is a red-bordered box containing the letters 'UTC' in a red serif font. Below this box, there are several overlapping circular images: a circuit board, a mechanical component, and a close-up of a circuit 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.

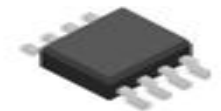
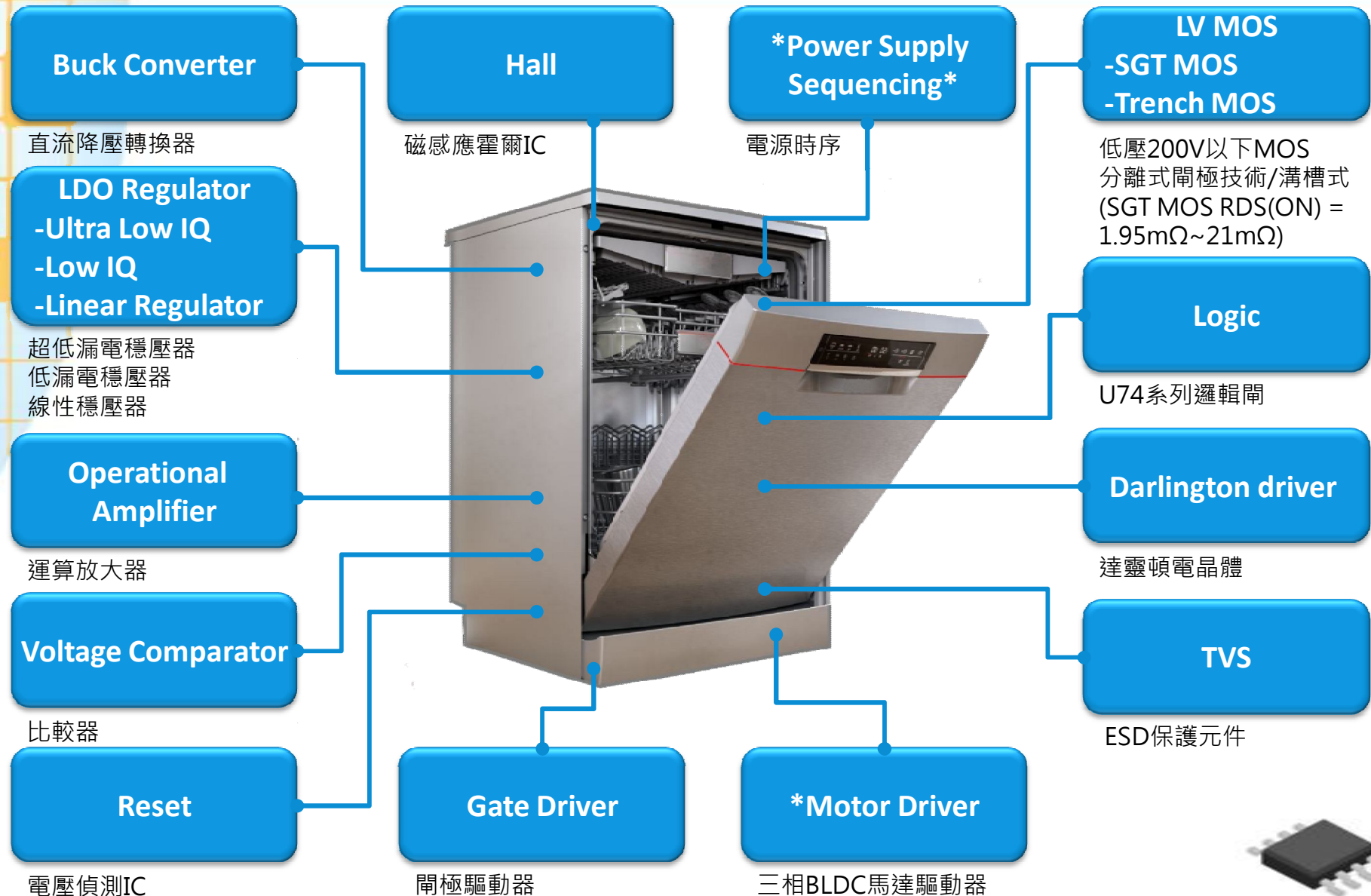
UTC

Unisonic Technologies

Product Introduction



Dishwasher Solution





UTC Parts in Dishwasher

Category	Part No.	Description	Package
LV MOS	USG04R007	N-CH SGT MOS, VDSS=40V, ID=100A, RDS(ON) <0.7m ohm	PDFN5X6, TOLL-8*
LV MOS	USG50N06	N-CH SGT MOS, VDSS=60V, ID=50A, RDS(ON) <6.5m ohm	TO-252, PDFN5X6, PDFN3X3
LV MOS	USG80N10	N-CH SGT MOS, VDSS=100V, ID=80A, RDS(ON) <8m ohm	TO-220, TO-220F1, TO-220F2 TO-252, PDFN5X6
LV MOS	UTT50N03L	N-CH Trench MOS, VDSS=30V, ID=50A, RDS(ON) <7.8m ohm	PDFN3X3, PDFN5X6, SOP-8, TO-252
LV MOS	UT3404	N-CH Trench MOS, VDSS=30V, ID=5.8A, RDS(ON) <28m ohm	SOT-23, SOT-26, SOP-8
LV MOS	UTT50N06M	N-CH Trench MOS, VDSS=60V, ID=50A, RDS(ON) <12m ohm	TO-220, TO-220F1, TO-251, PDFN5X6, TO-252
LV MOS	UT2305	P-CH Trench MOS, VDSS=-20V, ID=-4.2A, RDS(ON) <53m ohm	SOT-23, SOT-23-3, SOT-26

UTC SGT MOS :

VDSS = 40V~150V, RDS(ON) = 0.7mΩ~16mΩ

UTC N-CH Trench MOS :

VDSS = 12V~200V, ID = 0.1A~220A, RDS(ON) = 2mΩ~8000mΩ

UTC P-CH Trench MOS :

VDSS = -12V~200V, ID = -0.1A~120A, RDS(ON) = 4.3mΩ~4500mΩ





UTC Parts in Dishwasher

Category	Part No.	Description	Package
LDO	LR9280	Ultra Low IQ LDO Regulator, IQ<1.5uA, Vin up to 6V, Iout=0.15A, VD<0.35V~1.2V	SOT-25, SOT-23-5, SOT-23, SOT-23-3, SOT-89, SOT-343, DFN2020-6
LDO	LR9282	Ultra Low IQ LDO Regulator, IQ<1.5uA, Vin up to 7V, Iout=0.3A, VD<0.18V~1.0V	SOT-23-3, SOT-23-5, SOT-25, SOT-89, SOT-343, DFN1010-4
LDO	UR76XXH	Ultra Low IQ LDO Regulator, IQ<6~20uA, Vin up to 36V, Iout=0.5A, VD<0.16V~0.2V	SOT-23, SOT-23-5, SOT-25, SOT-89, SOT-223, SOP-8
LDO	LR9102	Low IQ LDO Regulator, IQ<90uA, Vin up to 6V, Iout=0.3A, VD<0.19V~1.0V	SOT-23-3, SOT-23, SOT-23-5, SOT-25, SOT-353, DFN1616-6, DFN1820-6, DFN2020-6
LDO	78Lxx	Linear Regulator, Vin<30V, Iout=0.1A, IQ<5.5mA, VD=1.7V	TO-92, TO-92NL, SOP-8, SOT-89, SOT-25, SOT-223
Category	Part No.	Description	Package
DC-DC	UD05123	Buck Converter, Vin=2.5V~5.5V, Iout=1.2A, VFB=0.6V, Fosc=2.25MHz	SOT-25
DC-DC	UD05208	Buck Converter, Vin=2.7V~5.5V, Iout=2A, VFB=0.6V, Fosc=1.5MHz	SOT-25
DC-DC	UD18203	Buck Converter, Vin=4.5V~18V, Iout=2A, VFB=0.6V, Fosc=500KHz	SOT-26



UTC Parts in Dishwasher

Category	Part No.	Description	Package
OP	ULV662	Dual Operational Amplifier, Rail-to-Rail Output , VCC=2.5V~5.5V, IQ<9mA, VIO<1.5mV, SR=32V/uS, BW=50MHz	SOP-8, MSOP-8, DFN3030-10
OP	LV2622	Dual Operational Amplifier, Rail-to-Rail Input/Output , VCC=2.5V~5.5V, IQ<0.4mA, VIO<3mV, SR=1.7V/uS, BW=3MHz	SOP-8, MSOP-8, TSSOP-8, DFN2030-8
OP	LM358	Dual Operational Amplifier, VCC=3V~32V, VIO<5mV	DIP-8, SOP-8, MSOP-8, TSSOP-8, DFN2020-8, SIP-9
OP	LM324	Quad Operational Amplifier, VCC=3V~32V, VIO<5mV	DIP-14, SOP-14, TSSOP-14, QFN-16(3x3)

Category	Part No.	Description	Package
Comparator	LM393	Dual Comparator, VCC=2V~36V or $\pm 1V \sim \pm 18V$, VIO<5mV	DIP-8, SOP-8, MSOP-8, TSSOP-8, DFN2020-8
Comparator	LM339	Quad Comparator, VCC=2V~36V or $\pm 1V \sim \pm 18V$, VIO<3mV	DIP-14, SOP-14, TSSOP-14, QFN-16(3x3)





UTC Parts in Dishwasher

Category	Part No.	Description	Package
Darlington driver	ULN2803	8 CH DMOS Transistor Array, Vout=50V, Iout=500mA	DIP-18,SOP-18,SOP-20 TSSOP-20,QFN-20(4x4)
Darlington driver	ULN2003	7 CH NPN Darlington Array, , Vout=50V, Iout=500mA	DIP-16, SOP-16, TSSOP-16

Category	Part No.	Description	Package
Reset	UWD817	Push pull Output active Low , with Watch dog & MR , Vin=1V~5.5V, Vth=2.63V 、 2.93V 、 3.08V 、 4V 、 4.4V 、 4.65V, Delay time=140mS~280mS	SOT-25
Reset	UIC811	Push pull Output active Low , with/without MR, Vin=1V~6V, Vth=2.25V 、 2.63V 、 2.93V 、 3.08V 、 4V 、 4.38V 、 4.63V 、 5V, Delay time=140mS~560mS	SOT-23, SOT-23-3, SOT-143, SOT-343 SOT-25, SOT-353

Category	Part No.	Description	Package
Logic	U74LVC1G3157	Single-pole, Double-throw (SPDT) Analog Switch, VCC=1.65V~5.5V	SOT-26, SOT-363
Logic	UNTS0104	Dual Supply Translating Transceiver, Open Drain, 1.65V to 3.6V on A Port & 2.3 V to 5.5V on B Port	TSSOP-14





UTC Parts in Dishwasher

Category	Part No.	Description	Package
Hall IC	UH8105	Omni-polar, 2.5~5.5VIN, 5.0~10uA IDD, BOP =1.5~4.5mT, Active Low Push-Pull	SIP-3, SOT-23
Hall IC	UHE4913	Omni-Polar, VDD=2.4V~5.5V, BOP =2.0~5.0mT, Active Low open-drain	SIP-3, SOT-23

Category	Part No.	Description	Package
Gate Driver	UTR2101	Half-Bridge Driver, VCC=10V~20V, IQCC<270uA, VS=600V	SOP-8

Category	Part No.	Description	Package
TVS	SMCJ	for ESD protection, Uni-directional / Bi-directional, VBR>6.4V~492V, VRWM=5V~440V	SMC
TVS	SRV05-4	Low Capacitance TVS Diode Array, VBR>6V, VRWM=5V, VC<12V, IR<5uA, CJ<1.2pF	SOT-26