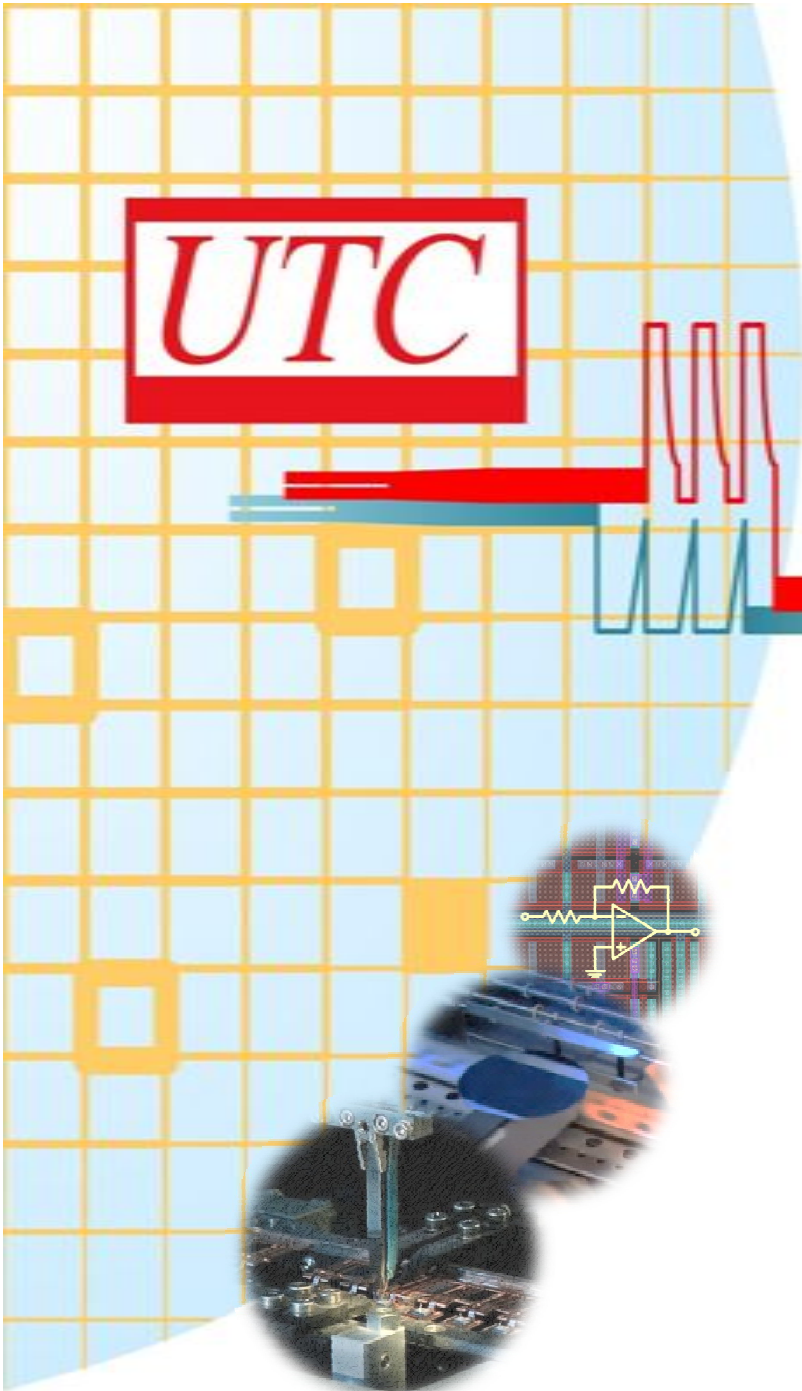


The background of the slide features a light blue and yellow grid pattern. On the left, there is a red-bordered box containing the letters 'UTC' in a red, serif font. Below this box, there are several overlapping circular images: a circuit board, a mechanical component, and a close-up of a circuit board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

Infrared thermometer Solution





UTC Parts in Infrared thermometer

Category	Part No.	Description	Package
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, DFN1010-4, SOT-343
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

Category	Part No.	Description	Package
DC-DC	UD05123	Synchronous Buck Converter, Vin=2.5V~5.5V, Iout=1.2A, VFB=0.6V, Fosc=2.25MHz	SOT-25
DC-DC	UC3656	Synchronous Buck Converter, Vin=2.5V~5.5V, Iout=1.0A, VFB=0.6V, Fosc=1.6MHz	SOT-25





UTC Parts in Infrared thermometer

Category	Part No.	Description	Package
DC-DC	UC3500	Boost Converter, Vstart=0.8V, Iout=150mA, Vout fix voltage, Fosc=150KHz	SOT-23, SOT-89, SOT-25

Category	Part No.	Description	Package
Transistor	MMBT5551	NPN Transistor, VCBO=180V, VCEO=160V, IC=600mA, VCE(SAT)< 0.2V	SOT-23

Category	Part No.	Description	Package
OP	ULV8551XK	Zero-Drift, Single Operational Amplifier, RRIO, VCC=2.7V~5V, IQ<870uA, VIO<45uV, SR=2V/uS, BW=3.2MHz	SOT-25
OP	LV2461	Single Operational Amplifier, RRIO, VCC=2.7V~6V, IQ<650uA, VIO<2mV, SR=1.6V/uS, BW=6.4MHz	SOP-8, SOT-25, SOT-353