



UTC

The background of the slide features a light blue and yellow grid pattern. On the left side, there are three circular inset images: the top one shows a circuit board with a yellow circuit diagram overlaid; the middle one shows a blue and silver mechanical component; the bottom one shows a robotic assembly arm working on a circuit board. A red rectangular box containing the text 'UTC' is positioned in the upper left. To the right of this box, there are two overlapping line graphs: a red one with sharp peaks and a blue one with smoother peaks. A thick red horizontal bar spans the width of the slide, starting from the right side of the line graphs.

Unisonic Technologies

Product Introduction



UTC Parts in Air Conditioner

Voltage Sense /
Watchdog

電壓偵測管理

Relay Driver
Darlington Array

達靈頓晶體管

Isolation
Photo-coupler

隔離式光耦器件

Power MOSFET
TRIAC / SCR

高效能功率器件

Hall IC / BDC * /
BLDC Motor * /
Stepper Motor *

霍爾IC / 直流馬達 * /
步進馬達驅動 *

Voltage
Regulator

電壓轉換穩壓器

Logic Gates
Latch / Register

邏輯閘 / 暫存器

Bus Sw / Mux /
Translation

信號傳輸管理

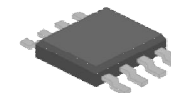
B2B interface
RS-232 / 485

板間信號傳輸

Op amplifier
Comparator

高精放大器/比較器

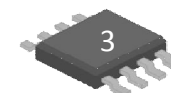
*該領域規格合適產品開發中





UTC Parts in Air Conditioner

Category	Part No.	Description	Package
Logic gate	U74AUP1G08	1-ch 2-input AND gate	SOT-25 SOT-353 SOT-553
Logic gate	U74LVC2G32	2-ch 2-input OR gate	SOP-8 MSOP-8
Logic gate	U74AHC373	8-ch D-type latch	SSOP-20 TSSOP-20
Multiplexer	U74LVC1G3157	Analog SPDT switch	SOT-26 SOT-363
Multiplexer	U74LVX4051	8-ch analog multiplexer	SOP-16 TSSOP-16 QFN-16(3x3)
Volt. Translator	U74AVC4T245	4-bit voltage translator with dir	SOP-16 TSSOP-16
Volt. Translator	UTXB0104	4-bit voltage translator	SOP-14 TSSOP-14
Op amplifier	ULV8551XK	1-ch RRIO zero-drift op amp	SOT-25
Op amplifier	ULV2333	2-ch RRIO zero-drift op amp	SOP-8 MSOP-8
Op amplifier	ULV724	4-ch RRIO op amp	SOP-14 TSSOP-14
Volt. comparator	ULC393	Low power voltage comparator	SOP-8





UTC Parts in Air Conditioner

Category	Part No.	Description	Package
DC converter	UD05208	5V 2A 1.5MHz with power saving	SOT-25
DC converter	UD18209	18V 3A fast-response buck	SOT-26
DC converter	UD24121	24V 1.2A 1.4MHz step-down	SOT-26
DC converter	UD38501	38V 5A synchronous step-down	HSOP-8
DC converter	UC3666	5V 1A 1.6MHz 2-ch in DFN3030	DFN3030-10
CMOS LDO	LR1801	1A fast LDO regulator	SOT-89 SOT-223 TO-252 HSOP-8
Dual-channel	LR6401	2-ch 0.3A LDO in DFN1820	SOT-26 DFN1616-6
Reset IC watchdog	UWD706	Reset & Watchdog timer	SOP-8
Reset IC watchdog	UWD708	Reset & Watchdog timer	SOP-8
Reset IC watchdog	UWD817	Reset & Watchdog timer	SOT-25





UTC Parts in Air Conditioner

Category	Part No.	Description	Package
Driver array	ULN2003	7-ch Darlington array driver	SOP-16 TSSOP-16 DIP-16
Driver array	62783-F	8-ch source-driver	SOP-18 SOP-20 TSSOP-20 DIP-18
RS232 line driver	UT232E	RS-232 line driver/receiver	SOP-16 SSOP-16 DIP-16
RS485 line driver	UTRS485	RS-485 driver/receiver (1UL)	SOP-8 DIP-8
RS485 line driver	UTRS3088	RS-485 driver/receiver (1/8UL)	SOP-8
Opto isolation	UPC817	Photo-coupler CTR 50~600	SMD-4 DIP-4 DIP-4M DIP-4C DIP-4MC SMD-4C
Opto isolation	UOC3020S	Opto-isolator TRIAC output	DIP-4
Opto isolation	UPT3223	NZC Solid State Relay	DIP-8A SMD-8A





UTC Parts in Air Conditioner

Category	Part No.	Description	Package
Power MOSFET	F5N60-TD1	Rugged 600V Trr-optimized	TO-251 TO-252 TO-220/F
Power MOSFET	4P50	P-ch MOSFET -500V -4A	TO-251 TO-252 TO-220/F
Power MOSFET	18N25-HC	N-ch MOSFET 250V 18A	TO-251 TO-252 TO-220/F TO-3PN
Power MOSFET	USG135N10	SGT 100V <5mΩ for SR	TO-220 TO-263 TO-220F1 PDFN5X6 TO-252
Power MOSFET	17P10-HC	P-ch MOSFET -100V -17A	TO-220/F TO-251 TO-252 SOP-8
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	UT8205A	2-ch NMOS 20V 6A	SOT-26 TSSOP-8 SOP-8





UTC Parts in Air Conditioner

Category	Part No.	Description	Package
SCR	MCR100	200~800V 1A SCR	SOT-23 SOT-89 SOT-223 TO-92
TRIAC	BTA316A	3-Q logic / snubberless TRIAC	TO-220F
TRIAC	USS120	700V volt-clamping AC switch	TO-220F

