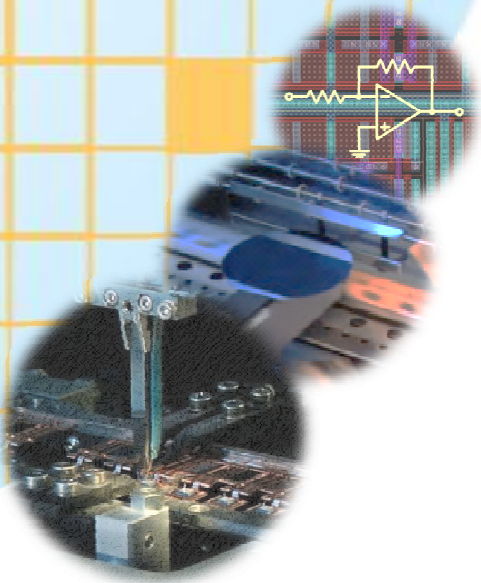




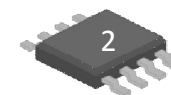
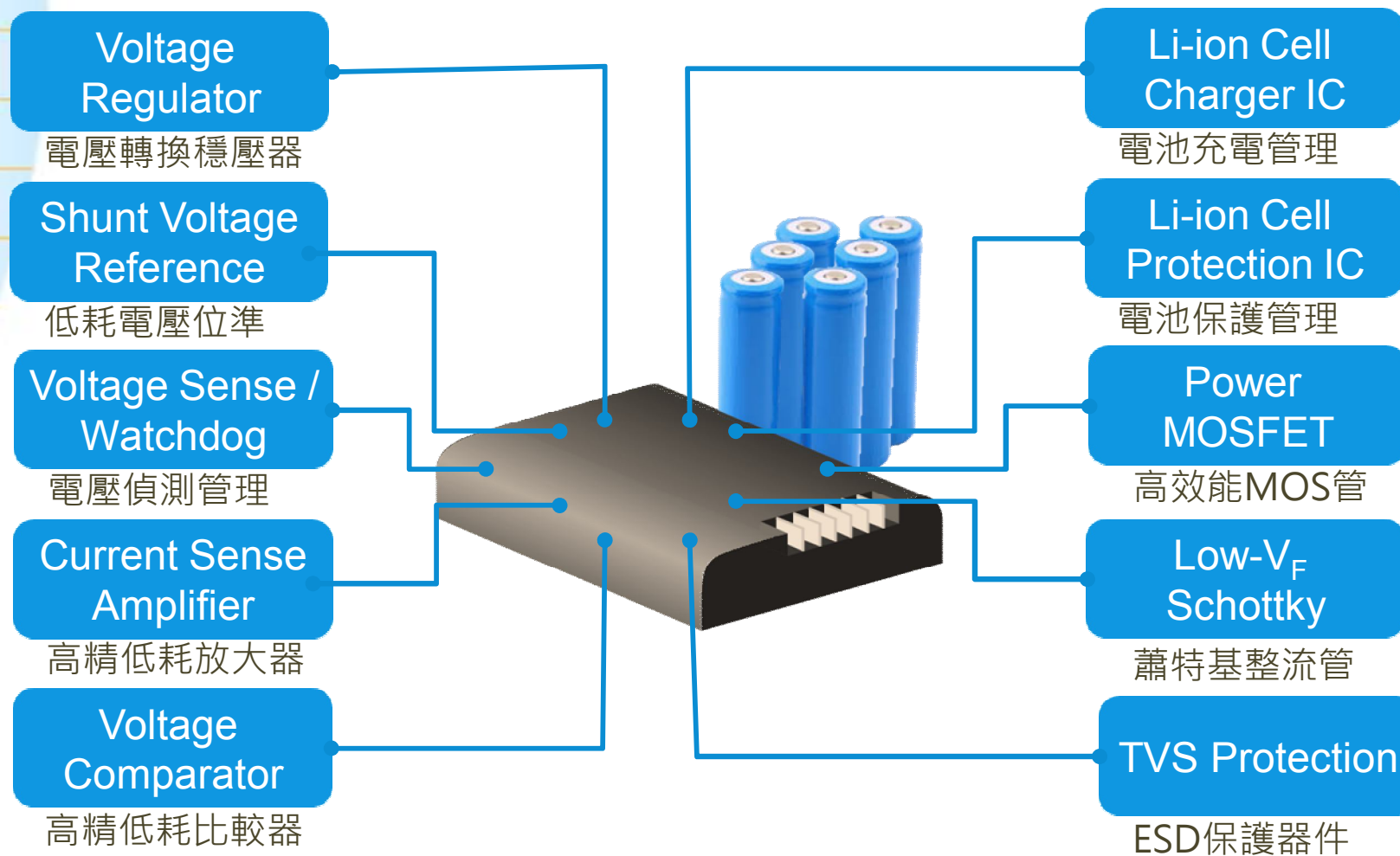
Unisonic Technologies

Product Introduction





UTC Parts in Battery Pack





UTC Parts in Battery Pack

Category	Part No.	Description	Package
DC converter	UD05208	5V 2A 1.5MHz with power saving	SOT-25
DC converter	UD24121	24V 1.2A 1.4MHz step-down	SOT-26
Low- I_Q LDO	LR9282	7V 0.3A LDO with EN, $I_Q < 1.5\mu A$	SOT-23-3 SOT-23-5 DFN1010-4 SOT-25 SOT-343 SOT-89
Low- I_Q LDO	LR1012	12V 75mA LDO with EN, $I_Q < 3\mu A$	SOT-23 SOT-25 SOT-89
Low- I_Q LDO	UR76xxH	36V 0.5A LDO, $I_Q < 10\mu A$	SOT-23 SOT-23-5 SOT-25 SOT-89 SOT-223 SOP-8
Shunt voltage reference	ULVH431	431 ref. $I_{K(min)} < 100\mu A$, $I_{K(OFF)} < 0.1\mu A$	SOT-23 SOT-23-3 SOT-25 SOT-23-5 SOT-89 TO-92
Volt. detection	UIC811	Reset IC with push-pull output	SOT-23 SOT-323 SOT-143 SOT-343 SOT-25 SOT-353
Volt. detection	UIC812	Reset IC with open-drain output	SOT-23 SOT-323 SOT-143 SOT-343 SOT-25 SOT-353
Op amplifier	ULV8551XK	1-ch RRIO zero-drift op amp	SOT-25
Comparator	LMV7239	Low-power RRI comparator with push-pull output	SOT-25 SOT-353



UTC Parts in Battery Pack

Category	Part No.	Description	Package
Battery protection	UB242	Li-ion/polymer cell protection	SOT-26
Battery protection	UB24205	Li-ion/polymer cell protection IC with integrated MOSFET	SOP-8
Battery protection	UB209A	Protection with cell-balance	SOP-8 TSSOP-8
Battery protection	UB264A	2~4-series cell 2 nd protection	TSSOP-8
Battery charge	UB6054A	Linear programmable charger IC for Li-ion/polymer cell	SOT-26
Power MOSFET	UT3416	N-ch MOSFET 20V 6.5A	SOT-23 SOT-26 DFN2020-6B
Power MOSFET	UT2311	P-ch MOSFET -20V -4A	SOT-23 DFN2020-6B
Power MOSFET	UT8205A	Dual N-ch MOSFET 20V 6A	SOT-26 TSSOP-8 SOP-8
Schottky diode	B5817W	Schottky rectifier 20V 1A	SOD-123 SOD-323
TVS array	SOT05C	Dual TVS for ESD protection	SOT-23

