

	Pins/Package	Description	Reset Threshold (V)
791	16/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65
805	8/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65
813	8/NSOIC	Low Power Microprocessor Supervisory Circuits	4.65
2525	8/NSOIC	+3.0V to +5.5V USB Power Control Switch	
2526	8/NSOIC	+3.0V to +5.5V USB Power Control Switch	
2526	8/NSOIC	+3.0V to +5.5V USB Power Control Switch	

Mfrs. List No.	Order Code	1+	25+	100+	+	+
SP791EN-L	SMD 938-8982	354.00	283.00	220.00	--	--
SP805LEN-L	SMD 938-8974	180.00	144.00	112.00	--	--
SP813LEN-L	SMD 938-8966	114.00	91.00	71.00	--	--
SP2525A-2EN-L	SMD 938-6602	108.00	86.00	67.00	--	--
SP2526-1EN-L	SMD 938-6610	108.00	86.00	67.00	--	--
SP2526-2EN-L	SMD 938-6629	108.00	86.00	67.00	--	--

Remote Control ICs

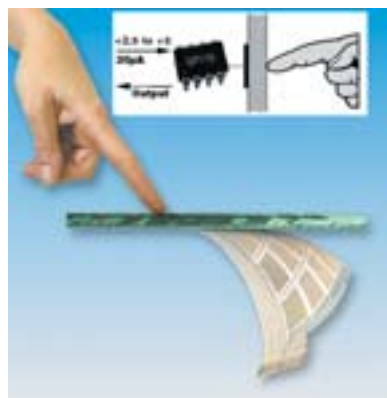
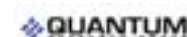
210448

	Mfr.	Pins	Pkg	Description
12	HT	18	DIP	8-bit Decoder with 28 address code and 4-bits of encoder data at 4 decoder output pins. Complements HT12E
12	HT	18	DIL	12-bit, Low Power, High Noise Immunity Encoder
12	HT	20	SOIC	12-bit, low power High Noise immunity Encoder
12	HT	18	DIL	12-bit Decoder with 212 address code. Complements HT12E
12	HT	20	SOIC	12-bit, Decoder with 212 address code. Complements HT12E
2270	ATM	16	SOIC	Read/Write Base Station
6026	HT	16	DIL	39 Remote Controller Encoder (MC145026 compatible)

Mfrs. List No.	Order Code	1+	10+	100+
HT12A 18 DIP	120-7996	70.00	58.00	47.00
HT12D	121-1514	199.00	152.00	111.00
HT12E	121-1512	199.00	152.00	111.00
HT12E-20SOP	SMD 120-7993	70.00	58.00	47.00
HT12F	121-1513	264.00	190.00	136.00
HT12F-20SOP	SMD 120-7995	222.00	183.00	147.00
U2270B-MFPY	SMD 109-5806	193.00	140.00	118.00
HT6026	121-1515	167.00	124.00	95.00

Special Function ICs

QProx™ Charge-Transfer Capacitance Sensor ICs



This is a proximity sensing technology utilising the minute changes in capacitance when a target sensing area is approached. The technology allows for touch or proximity sensing through almost any dielectric which offers an almost limitless number of applications where normal mechanical switches are used. The range of devices includes variants which have enhanced properties, such as matrix sensors in which keyboards may be fabricated behind sealed glass or perspex, level sensors to detect the presence of liquids, extended range sensing to detect through a dielectric such as glass, plastic, stone or ceramic up to thicknesses of 5cm or more.

Features:

- Less expensive than many mechanical switches
- Touch or proximity sensing through any dielectric
- 100% autocal for life - no adjustments required
- QT11x series features 2.5V to 5V, low current single supply operation
- Active high or active low output variants
- Turn metal-bearing objects into intrinsic sensors

Applications:

- Pushbutton replacement
- Machine controls
- Lighting controls
- Moisture detection
- Level sensing
- Security sensing
- Robotic touch sensors
- Vandal resistant controls

E604

Evaluation board for the QT60040 4-key matrix sensor IC. The QT60040 IC lets the user create a 4-key touch control matrix through any dielectric surface. Uses include appliance controls and consumer products. This single-chip solution requires only one external capacitor to operate.



Features include:

- Four sensor pads with LED status
- Output interface connection
- Jumpers for calibration and rollover function
- On-board 5V regulator

E604 Order Code 362-6040

E114

Evaluation board for the QT114 QLevel™ sensing ICs. The QT114 allows the user to sense the fluid level of water between two points for High/Low level sensing, an economical solution with no moving parts.



Features include:

- Built-in level probe with two tiers for Hi/Low limit sensing
- Dual CMOS outputs, one per level
- Suitable for most aqueous liquids
- Dual LEDs for level sensing indication
- Trimpot to allow for fine level trimming
- Active high or low output jumper selection
- 'Slosh' filter mode is jumper selectable
- 3V supply

E114 Order Code 362-6015

E160

Evaluation board for the QT60161 QMatrix™ ICs. The QT60161 lets you create a 16-key touch matrix that works through glass, plastic, or any other dielectric panel, for instrumentation, appliance controls, and consumer products.



Features include:

- Bi-directional RS-232 serial connection for function set up via PC and data viewing
- Sample 16-key (4x4) matrix panel plus all cables
- QmBtn (tm) PC software for Win 95/98/NT/2000/XP included
- User-adjustable gain and threshold settings, key-by-key
- Create up to 16-key through-glass sensor matrix
- 4 interfaces: UART Mode, SPI Slave Mode, SPI Master/Slave Mode, Parallel Port Mode
- 8 - 20 volt single supply operation
- 9V battery included
- Includes all schematics and board artwork plots

E160 Order Code 426-9860

E160

Evaluation board for the 6-key QT160 QTouch™ IC. The QT160 works with up to 6 touch control pads that sense through glass, plastic, or any other dielectric panel, for instrumentation, appliance controls, and consumer products.



Features include:

- Toggle Mode selector switch
- 10s, 60s and Infinite Time-out selector switch
- Connections for external power supply. 8V-15V DC operation
- AKS™ Adjacent key suppression to allow tight key spacings
- LED backlit key operation
- 9V battery included

E160 Order Code 426-9858