## **Feather Touch**

**FUJITSU** 

4-wire resistive touch panel designed for multi-touch gesturing applications

Enabling low-cost, high reliability, easily integrated alternatives to Projected Capacitive Multi-Touch Panels

- Standard 4-wire resistive touch panel structure, 3.5-inch to 17-inch panel size
- Special controller enabling 2-finger sensing
- Optimized for gesture recognition, pinch, expand, rotate, flick, swipe
- Ultra low input force: 0.02~0.3N
- Special top film technology provides user experience comparable to projected capacitive panels
- Film/Glass, Film/Film/Plastic structures available
- Touch window enables creative Industrial Design: flush surface, logo printing, special shapes supported
- Transparency 82%~90%
- Automotive temperature range available:
  -30~+85°C (operation)
  and -40~+95°C (storage)
- Anti-Newton Ring technology



## **Feather-Touch Specifications**

Operation force	0.02~0.3N (initial, meas	0.02~0.3N (initial, measuring point: center of the touch panel)		
Surface hardness of film	Pencil hardness ≥ 3H	JIS K-5400		
Transparency	82%~90% typical	JIS K 7105		
Haze	5%~10% typical	JIS K 7105 surface: anti-glar	re	
Linearity	≤1.5%	≤1.5%		
Operation temperature	-5~60°C	-5~60°C		
Operation humidity	20~90%RH	Maximum wet bulb temperature 38°C with no condensation		
Storage temperature	-30~70°C			
Storage humidity	10~90%RH	Maximum wet bulb temperature 38°C with no condensation		
Reliability 1 million finger input		Tapping at the same point by silicon rubber R8 hardness 60%		
Feather-Touch Panel Siz	es			
NC01111-T161	3.8-inch	NC01111-T202	8.4-inch	
NC01111-T181	4.3-inch	NC01111-T222	10.4-inch	
NC01101-T001	6.95-inch (automotive)	NC01111-T242	12.1-inch	
NC01101-T021	6.5-inch (automotive)	NC01111-T081	12.1-inch wide	
NC01101-T041	7-inch	NC01111-T261	15-inch	
NC01101-T061	7-inch	NC01152-T021	15.3-inch wide	
NC01101-T081	8-inch (automotive)	NC01111-T281	17-inch	
NC01152-T101	7-inch wide			
4-Wire Dual Touch Cont	roller Board & MCU			
NC01850-B045RS	USB controller board			
NC01850-B040RS	I2C development test bo	I2C development test board		

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Storage temperature	-30~70°C		
Storage humidity	20~85%RH	Maximum wet bulb temperature 38°C with no condensation	
Size	60mm x 30mm		
NC41120-0031	USB controller MCU		
NC41120-0030	12C controller MCU		

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