

FPC360 Specifications

Parameter	Unit	Min	Type	Max	Conditions
Dimensions (W x L x H)	um	15960 x 13080 x 400			W:Width L: Length, , H:Thickness
Pixels (X,Y)	dot	256 x 360			
Sensor pixel size	um	50 x 50			
Special resolution	DPI	508			
ADC Pixel resolution	bits	8			Max 256 gray Scales
Chip data FIFO	byte	160			
Interface		SPI			
SPI clock	M Hz	1	16	32	
System clock (ADC)	M Hz		6		
Supply Voltage	V	2.7		3.3	
Supply Current	mA		9		
Operation temperature range	°C	-20		70	
Storage temperature range	°C	-40		100	
Extended humidity range	%RH	20		85	
ESD	KV		15		(human body mode)
Dimensions (W x L x H) (Package size)	mm	33 x 20 x 1.7			
Function	Yes / No	Conditions			
Low-power finger detect mode	yes				
Set Calibration data	yes	(OTP)			
I/O and Core Power Isolation	yes				
Reset(from MCU to chip)	yes				
Interrupt(from chip to MCU)	yes				