



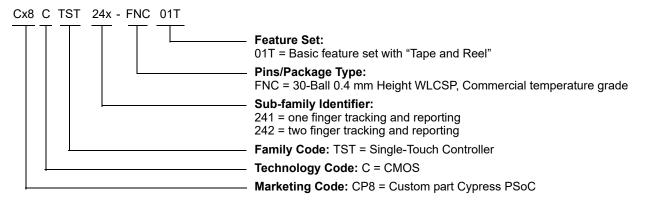
## **Ordering Information**

The following table lists the TrueTouch Standard Product Single Touch Touchscreen Controllers. For information on other TrueTouch families, visit http://www.cypress.com/truetouch.

#### Table 1. Device Ordering Information

	TrueTouch					Sensor									
Part Number	Typical Screen Size (in.) (4:3 Aspect Ratio)	Maximum Nodes	Maximum Fingers	On-chip Gesture Decoding	True Single Layer Sensor	Large Object Detection	Glass	Film	Minimum Interface Voltage	Supply Voltage Operating Range	Bootloader	1²c	SPI	UART	Package
CP8CTST241-FNC-01T	3.6 <sup>[2]</sup>	24	1	~	~	~	~	~	1.8	1.71–5.5	~	~	~	~	30-ball WLCSP
CP8CTST242-FNC-01T	3.6 <sup>[2]</sup>	24	2	~	~	~	~	~	1.8	1.71–5.5	•	~	~	~	30-ball WLCSP

#### **Ordering Code Definitions**



# Note 2. A screen size of 3.6-inches is met using 6.1-mm pitch for 24-nodes devices and a 4.1-mm pitch for 32-node devices.



## **Document History Page**

Document Title: CY8CTST241/CY8CTST242, TrueTouch <sup>®</sup> Single-Touch Touchscreen Controller Document Number: 001-91041								
Rev.	ECN No.	Orig. of Change	Submission Date	Description of Change				
**	4278978	SWU	02/12/2014	New summary data sheet.				
*A	5378716	ELG	08/06/2016	Added CY8CTST241 part related information in all instances across the document. Added CY8CTST241/CY8CTST242 Block Diagram. Updated Ordering Information: Updated part numbers. Updated Ordering Code Definitions. Updated to new template.				
*B	5991473	ELG	12/12/2017	Removed "32-pin QFN" and "48-pin QFN" package related information in all instances across the document. Updated Ordering Information: Updated part numbers. Updated Ordering Code Definitions. Updated to new template. Completing Sunset Review.				



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