



PRODUCT BULLETIN # 20242

Generic Copy

Issue Date: 24-Sep-2013

TITLE: CAT6243 Family Datasheet Correction

PROPOSED FIRST SHIP DATE: 24-Sep-2013

AFFECTED CHANGE CATEGORY(S): Device Datasheet

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor sales office or <alan.garlington@onsemi.com>

NOTIFICATION TYPE:

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

ON Semiconductor is notifying customers about a datasheet correction for the CAT6243 device family. Please see the table below for exact changes being made. No changes have been made to the device, design circuitry, or fab process. This datasheet change is being made to properly align actual device performance with the data sheet.

Changes only for CAT6243DCADJ-RKG			Change		
Symbol	Parameter	Conditions	Before	After	
Vout-acc	Output Voltage Accuracy	Iout = 1mA	+/- 2%	+/- 3%	-40C to +85C 25C stays at +/-2%
TCout	Output Voltage Temp. Coefficient		25 ppm/ °C	50 ppm/ °C	-40C to +85C
Vdo	Voltage Dropout	Vout = 2.5v; Iout =	110 mv	130 mv	
		Vout = 1.2v; Iout = 1A	625 mv	650 mv	
		Vout = 2.5v; Iout = 1A	625 mv	650 mv	
Ignd-sd	Shutdown Ground Current	Ven < 0.4V	2 ua	5 ua	



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Change only for CAT6243-ADJMT5T3

		Change Max Value	
RATING	SYMBOL	Before	After
Input Voltage	Vin	5.5v	5.0v

List of affected General Parts:

CAT6243-ADJCMT5T

CAT6243-ADJMT5T3

CAT6243DCADJ-RKG