

FINAL PRODUCT CHANGE NOTIFICATION**PCN:** PCN030043**DATE:** August 19, 2003

Subject: Addition of Nickel-Palladium-Gold (Ni-Pd-Au) Lead Finish to SOIC, TSSOP and SSOP Packages Manufactured at Cypress Manufacturing Limited Philippines Autoline

To:**Description of Change:**

a.) This PCN is a follow-up correspondence to the following A(Advanced) PCN numbers:

- APCN 010074 sent Dec 10, 2001 with an update sent June 04, 2002
- APCN 013361 sent Sept 11, 2001 with an update sent June 04, 2002

If you have previously approved these PCNs. No action is required.

b.) Due to general acceptance of the change in lead finish, the Autoline at Cypress Manufacturing in the Philippines will stop manufacturing Tin/Lead finish for the following packages:

- SOIC family of packages up to 24 Leads
- TSSOP and SSOP packages

c.) Ni-Pd-Au is compatible with current solder systems which utilize 220 to 235 deg C and does not require 265 deg C temperature.

Part numbers will not change. The only difference is that the new lead finish will have a square marked next to the datecode (See attached illustration).

d.) Cypress has been shipping both these lead finishes since July, 2002.

e.) Cypress will switch production to Ni-Pd-Au lead finish 90 days after sample availability unless this notification is rejected.

If rejected, Cypress will assign a new customer part number and deliveries could be affected as tin/lead product inventory is reduced.

Please contact your Sales representative.

Benefit of Change: Manufacturing cycle time will improve and will in turn result in improved availability and leadtime to our customers.

Part Numbers Affected:**Affected Parts: 72**

Affected Part	Description
---------------	-------------

FINAL PRODUCT CHANGE NOTIFICATION

CY7C63231A-SC	
CY7C63001A-SCT	
CY7C63001A-SC	20-PIN 12 I/O LOW SPEED USB uC (4K EPROM)
CY2292SC-660T	
CY2292SL-998T	
CY2292SC-612T	
CY2292SL-998	
CY2292SC-492T	
CY2292SL-1T8	
CY2292SC-474T	
CY2292SL-1T5T	
CY2292SC-432T	
CY2292SL-1T4T	
CY2292SL-1T4	
CY2292SL-1T3T	
CY2292SL-970	
CY2292SL-966T	
CY2292SL-877	
CY2292SC-413T	
CY2292SL-808T	
CY2292SC-396T	
CY2292SL-677	
CY2292FT	
CY2292SL-1R4T	
CY2292FI	Field Programmable 3-PLL Clock Synthesizer
CY2292SL-1R1T	
CY2292F	Field Programmable 3-PLL Clock Synthesizer
CY2292SL-1P6T	
CY2292SL-1P6	
CY2292SL-1P5	
CY2292SL-535T	
CY2292SL-530T	
CY2292SL-530	
CS5941AM	
CY2292SL-1W5	
CP6124AM	
CY2292SL-1W2T	
CP6075AMT	
CY2292SL-1N2T	
CP6011AMT	
CY2292SL-1K8	

FINAL PRODUCT CHANGE NOTIFICATION

CP5602AMT	
CY2292SL-1K2T	
CY2292SL-1J4T	
CY2292SL-1J4	
CY2292SL-1J0T	
CY2292SL-1G8T	
CY2292SL-1G7	
CY2292SL-1F9T	
CY2292SL-1C7	
CY2292SL-1C2T	
CY2292SL-1A7T	
CY2292SI-776	
CY2292SI-705	
CY2292SI-400T	
PCY2305SC-1T	
CY7C63743-SCT	
CY7C63743-SC	Low Speed, 3 Endpoint, enCoRe USB, 24 SOIC
CY2292SI-1T9	
CY7C63723-SC	Low Speed, 3 Endpoint, enCoRe USB, 18 SOIC
CY2292SI-1A0T	
CY7C63613-SC	24 PIN 16 I/O LOW SPEED USB uC (8K EPROM)
CY2292SC-984T	
CY2292SL-1W2	
CY2292SC-864T	
CY2292SL-1V6	
CY2292SC-833T	
CY2292SL-1V1T	
CY2292SL-1U6	
CP5601AMT	
CY7C1021BV33L-15VCT	
CY2292SL-1U3T	

Customer Part Numbers Affected:
Qualification Status:

All Qualified - QTP numbers 13805, 22102, 15107, 10612, 15108

Sample Status:

Please contact your Sales representative

FINAL PRODUCT CHANGE NOTIFICATION**Approximate Implementation Date:**

Nov 2003

Anticipated Impact:

Improved availability.

Method Of Identification:

A square marked next to the datecode

Response Required:

Response not required. This PCN is for information only.

For additional information regarding this change, contact your local sales representative or by E-mail to pcn_adm@cypress.com

Sincerely,

Banjie Bautista
PCN Process Manager

John Quist
Director of Quality Systems

