

October 18, 2007

Product Change Notice for the Plastic Mold-PKG type Products

Dear Valued Customer:

Epson Toyocom maintains a continuous effort to improve the production and delivery performance of its product. We will change the mold compound of Plastic PKG type products to Halide-free type. The details are follows.

1. Affected Products: Plastic Mold packaged type products

Please see the full listing as attached.

Crystal unit: MC series, MA series

Real Time Clock Module: RTC / RX series

Plastic Mold packaged type oscillator: SG / MG / HG / TG / VG series

2. Change contents

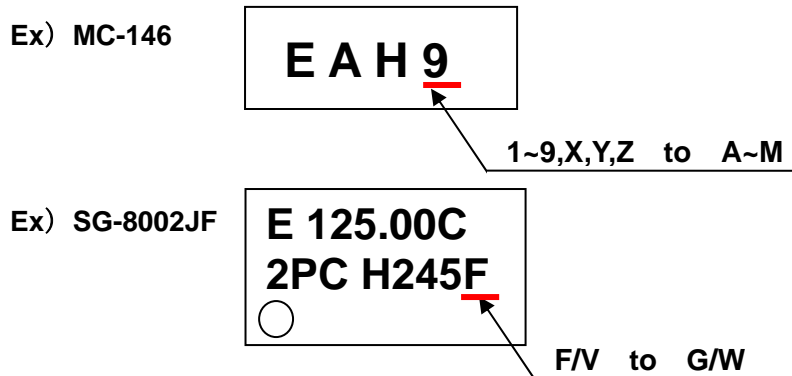
1) Change items

Change the mold compound material that contains Br-epoxy as flame retardant to Halide Free type.

2) Identification of this change

(1) Change the Month digit of Date Code from Numeric to Letters: MC / MA series

(2) Control by the Last digit of Date Code.: All products except MC / MA series



3) Specification change: Nothing

3. Reason

(1) To adhere to our Environmental policy of Halide Free products.

(2) Due to End of Life of the current mold compound on the end of March 2008.

4. Schedule

1) Sample: Available now (Please let me know the Model and Q'ty)

2) Data : Evaluation Data / Nov. /E, 2007
Reliability test data / Dec. 2007

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Tokyo 191-8501 Japan
Tel : 81-42-587-5878
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- 3) The shipping of these changed products will start from April 2008 since the material becomes EOL at the End of March 2008.
Please approve as soon as possible to keep the required delivery, since we will start to ship after receiving your approval.
Mixed shipping of current and new products may occur, but there will be no mixed products on one reel.

If there are any concerns with this product change, please discuss them with your local Epson Toyocom representative. We appreciate your understanding.

Sincerely yours,

EPSON TOYOCOM

Change the mold compound of Plastic PKG type products to Halide-free type

- Accepted by ETC's evaluation data.
- Require the sample and evaluate by ourselves.

Comments:

Date : _____

Company : _____

Section : _____

Name : _____

Signature : _____

Models(RTC) for changing the Mold compound to Halide-F

2007.10.25

PKG type	Model	Current rev.	New rev.	Marking for Halide Free	Sample availability
DG	RTC-62421	C	E	Last digit of Date code	Jan.2008
	RTC-62421 Ver.D	D	F	Last digit of Date code	Jan.2008
	RTC-72421 Ver.F	F	G	Last digit of Date code	Jan.2008
	RTC-7301DG	I	f	Last digit of Date code	Jan.2008
JE	RTC-4574JE	B	C	Last digit of Date code	Dec.2007
	RTC-4701JE	A	B	Last digit of Date code	Dec.2007
	RTC-8564JE	A	B	Last digit of Date code	Dec.2007
	RTC-9701JE	A	B	Last digit of Date code	Dec.2007
	RX-8581JE	A	B	Last digit of Date code	Dec.2007
LC	RX-4571LC	C	E	Last digit of Date code	Dec.2007
	RX-4574LC	C	E	Last digit of Date code	Dec.2007
	RX-4575LC	C	E	Last digit of Date code	Dec.2007
	RX-8564LC	C	E	Last digit of Date code	Dec.2007
LD	RX-5411LD	B	C	Last digit of Date code	Dec.2007
NB	R2025D				Dec.2007
	R2045D				Dec.2007
	RTC-4574NB	A	B	Last digit of Date code	Dec.2007
	RTC-4701NB	A	B	Last digit of Date code	Dec.2007
	RTC-8564NB	A	C	Last digit of Date code	Dec.2007
	RX-4045NB	B	C	Last digit of Date code	Dec.2007
	RX-4571NB	A	B	Last digit of Date code	Dec.2007
	RX-4581NB	B	C	Last digit of Date code	Dec.2007
	RX-8025NB	C	D	Last digit of Date code	Dec.2007
RX-8581NB	A	B	Last digit of Date code	Dec.2007	
SA	R2025S				Dec.2007
	R2045S				Dec.2007
	RA-4574SA	B	C	Last digit of Date code	Dec.2007
	RA-8581SA	A	B	Last digit of Date code	Dec.2007
	RTC-4513	A	C	Last digit of Date code	Dec.2007
		B	D	Last digit of Date code	Dec.2007
	RTC-4543SA	A	B		Dec.2007
	RTC-4553	C	D	Last digit of Date code	Dec.2007
	RTC-4574SA	B	C	Last digit of Date code	Dec.2007
	RTC-8563SA	A	B	Last digit of Date code	Dec.2007
	RTC-9810SA	B	C	Last digit of Date code	Dec.2007
	RTC-9822SA	C	D	Last digit of Date code	Dec.2007
	RTC-9824SA	A	C	Last digit of Date code	Dec.2007
	RTC-9825SA	A	C	Last digit of Date code	Dec.2007
	RTC-9830SA	C	D	Last digit of Date code	Dec.2007
	RTC-9834SA	A	B	Last digit of Date code	Dec.2007
	RX-4045SA	B	C	Last digit of Date code	Dec.2007
		A			Dec.2007
	RX-4571SA	A	B	Last digit of Date code	Dec.2007
	RX-8025SA	C	D	Last digit of Date code	Dec.2007
RX-8581SA	A	B	Last digit of Date code	Dec.2007	
SB	RTC-4543SB				Dec.2007
		A/B	C	Last digit of Date code	Dec.2007
SD	RTC-4573SB	C	D	Last digit of Date code	Dec.2007
	RTC-62423 Ver.B	B	C	Last digit of Date code	Jan.2008
	RTC-6593	None	B	Last digit of Date code	Jan.2008
SF	RTC-72423 Ver.F	F	G	Last digit of Date code	Jan.2008
	RTC-7301SF	D	F	Last digit of Date code	Dec.2007
SG	RX-4574SG	E	G	Last digit of Date code	Dec.2007
		A	B	Last digit of Date code	Dec.2007