

PRODUCT CHANGE NOTIFICATION

Ref Nr: **EBR-0176-120727/JC**
Date: Aug. 9th, 2012

TO: Customer who concerned **FROM:** Product Marketing, R-chip BU

HEREWITH YOU ARE INFORMED OF OUR INTENTION TO CHANGE THE FOLLOWING PRODUCTS.

DESCRIPTION:

This EOL notification is to inform you that RJ series will be discontinued from July 1st 2013.
Effect on Yageo product RJ0402 ~ RJ2512

The alternative parts: RE0402 ~ RE1206 & RT0402 ~ RT2512 are detailed in the following table and the attachment:

Attribute		Series RE	Series RJ	Series RT
size		0402-1206	0402-2512	0402-2512
R-value range	Ω	10R to 1M	5R1 to 1M5*	5R1 to 1M5*
tolerance	%	0.5 and 1	1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/°C	0±50	0±50	0±50; 25; 15; 10
AEC-Q200		yes	no	no
Operating Temperature	°C	-55 to +155	-55 to +125	-55 to +125
*depending on size - tolerance and TCR				

Last order intake: before Dec. 31st 2012
Last order delivery: June 30th 2013

Blanket orders are accepted but subject to further discussion.

REASONS: Less market demand

EXPECTED INFLUENCE ON PERFORMANCE: Please contact local supplier for further information.

EXPECTED INFLUENCE ON QUALITY AND RELIABILITY: Please contact local supplier for further information.

SUGGESTION FOR ALTERNATIVE PRODUCTS: Please contact local supplier for further information.

Quality Manager: <i>Victor Chiao</i>	Product Manager: <i>Gary Wang</i>	Sales Manager:
Signature: 	Signature: 	Signature:
Date: 2012-08-09	Date: 2012-08-09	Date:

FOR MORE INFORMATION, CONTACT: Gary Wang e-mail: gary.wang@yageo.com

RETURN YOUR COMMENTS BEFORE: Sep. 30th, 2012

Remarks:

Comments:

Date:

Function:

Signature:

YAGEO Corp.
Comparison RE - RJ - RT Series

Appendix A:

Attribute		Series RE	Series RJ	Series RT
size		0402	0402	0402
R-value range	Ω	10R to 1M	10R to 121K	10R up to 121K*
tolerance	%	0.5 and 1	1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C	0 \pm 50	0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200		yes	no	no
Operating Temperature	$^{\circ}$ C	-55 to +155	-55 to +125	-55 to +125
Power rating	W	0.0625	0.0625	0.0625
Max. RCWV	V	50	25	50
Max. Overload Voltage	V	100	100	100
Dielectric withstanding Vol.	V	100	100	75
size		0603	0603	0603
R-value range	Ω	10R to 1M	5R1 to 681K	5R1 up to 681K*
tolerance	%	0.5 and 1	1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C	0 \pm 50	0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200		yes	no	no
Operating Temperature	$^{\circ}$ C	-55 to +155	-55 to +125	-55 to +125
Power rating	W	0.10	0.0625	0.10
Max. RCWV	V	50	50	75
Max. Overload Voltage	V	100	100	150
Dielectric withstanding Vol.	V	100	100	100
size		0805	0805	0805
R-value range	Ω	10R to 1M	5R1 to 1M5	5R1 up to 1M5*
tolerance	%	0.5 and 1	1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C	0 \pm 50	0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200		yes	no	no
Operating Temperature	$^{\circ}$ C	-55 to +155	-55 to +125	-55 to +125
Power rating	W	0.125	0.10	0.125
Max. RCWV	V	150	100	150
Max. Overload Voltage	V	300	200	300
Dielectric withstanding Vol.	V	300	250	200
size		1206	1206	1206
R-value range	Ω	10R to 1M	5R1 to 1M5	5R1 up to 1M5*
tolerance	%	0.5 and 1	1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C	0 \pm 50	0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200		yes	no	no
Operating Temperature	$^{\circ}$ C	-55 to +155	-55 to +125 $^{\circ}$ C	-55 to +125
Power rating	W	0.25	0.125	0.25
Max. RCWV	V	200	150	200
Max. Overload Voltage	V	400	250	400
Dielectric withstanding Vol.	V	500	250	300
* depending on tolerance and TCR				

YAGEO Corp.
Comparison RE - RJ - RT Series

Attribute		Series RE	Series RJ	Series RT
size			1210	1210
R-value range	Ω		5R1 to 1M	5R1 up to 1M*
tolerance	%		1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C		0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200			no	no
Operating Temperature	$^{\circ}$ C		-55 to +125 $^{\circ}$ C	-55 to +125
Power rating	W		0.25	0.25
Max. RCWV	V		150	200
Max. Overload Voltage	V		300	400
Dielectric withstanding Vol.	V		400	400
size			2010	2010
R-value range	Ω		10R to 1M	10R up to 1M*
tolerance	%		1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C		0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200			no	no
Operating Temperature	$^{\circ}$ C		-55 to +125 $^{\circ}$ C	-55 to +125
Power rating	W		0.5	0.5
Max. RCWV	V		150	200
Max. Overload Voltage	V		300	400
Dielectric withstanding Vol.	V		400	400
size			2512	2512
R-value range	Ω		10R to 1M	10R up to 1M*
tolerance	%		1	1; 0.5; 0.25; 0.1; 0.05
TCR	ppm/ $^{\circ}$ C		0 \pm 50	0 \pm 50; 25; 15; 10
AEC-Q200			no	no
Operating Temperature	$^{\circ}$ C		-55 to +125 $^{\circ}$ C	-55 to +125
Power rating	W		0.75	0.75
Max. RCWV	V		150	200
Max. Overload Voltage	V		300	400
Dielectric withstanding Vol.	V		400	400
* depending on tolerance and TCR				