



Notice of change

To

All customers

Thank you for your continuous support.
This letter is to inform customers about planned changes to the parts used in the products below.

Best Regards

Control No.	8UCMH-0042-2	
Issue date	24-September-2021	
Company Name	Nidec Copal Electronics Corp. Ichinoseki office PS Division QC	
Approved	Checked	Author
	/	

Change application details	1.Contents of change : Rotary encorder RE30E-600~1024 seires ①Regulator、②Comparator、③LED Rank ④PCB S-Assy Current limit resistor(5~12V Spec) Change		There are no changes of specifications or appearance of these encoders.															
	2.Models affected(Total 6 models) RE30E-600-213-1 RE30E-900-213-1 RE30E-1000-213-1 RE30E-800-213-1 RE30E-900-214-1 RE30E-1024-213-1																	
	3.Effective date of change Effective June 2022 production (※Rotary encorder)																	
	4.Reason for change ①Regulator : Manufacturer production EOL ②Comparator : Manufacturer production EOL ③LED : A,B Rank EOL to C,D Rank change ④PCB S-Assy Current limit resistance : ③Resistance change in accordance with LED change																	
	5.Change details <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 30%;">Change Parts</th> <th style="width: 35%;">Before</th> <th style="width: 35%;">After</th> </tr> </thead> <tbody> <tr> <td>①Regulator</td> <td>TOSHIBA : TC75S59FE</td> <td>TOSHIBA : TC75S59FU</td> </tr> <tr> <td>②Comparator</td> <td>TOKO Inc : TK11240CM</td> <td>TOSHIBA : TAR5S40</td> </tr> <tr> <td>③LED Rank</td> <td>KODENSHI : A,B Rank</td> <td>KODENSHI : C,D Rank</td> </tr> <tr> <td>④PCB S-Assy Current limit resistor(5~12V Spec)</td> <td>120Ω</td> <td>160Ω</td> </tr> </tbody> </table>			Change Parts	Before	After	①Regulator	TOSHIBA : TC75S59FE	TOSHIBA : TC75S59FU	②Comparator	TOKO Inc : TK11240CM	TOSHIBA : TAR5S40	③LED Rank	KODENSHI : A,B Rank	KODENSHI : C,D Rank	④PCB S-Assy Current limit resistor(5~12V Spec)	120Ω	160Ω
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6.Evaluation results Evaluation conducted using representative model. ※Details of model selection, trial production method, and evaluation method selected based on agreement at an PS division meeting (QC meeting). ①Encoder function/performance before and after change is at the same level as current products. ②The reliability test of the changed product also satisfies the product specifications.																		
7.Approval due date 15-February-2022																		

Customer	Approval <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved If not approved please provide the reason in the comment section below. COMMENT		
	Approved	Checked	Author