

To

# Change notice

Regarding changes in Reel packaging material  
(Light touch switch · Variable Resistor · Rotary Encoder)

\* If you approve this specification,  
please fill in and sign the below and return to us.

Approval Date :  
Executed by :  
(Signature)

## **Engineering Group, Input Device Division**

Electromechanical Components Business Division  
Automotive and Industrial Systems Company  
Panasonic Corporation  
15.Feb,2017

# Change notice

## Regarding changes in packaging material (Reel material)

### 1. Purpose

We will abolish the paper reel and change it to the plastic reel for the purpose of quality improvement.

### 2. Contents

#### (1) Reel material and dimension

Reel specification	Before	After
Material	Paper (Cardboard)	PS (Polystyrene)
Shape		

Reel size	A		B	C	D		E	F			G		
	12,16mm	24mm			12,16mm	24mm		12mm	16mm	24mm	12mm	16mm	24mm
Before (Paper)	Φ370 ±2.0	Φ380 ±2.0	Φ50 min.	Φ13 ±0.5	Φ21 ±1.0	Φ21 ±2.0	2.0 ±0.5	14.0 ±1.5	18.0 ±1.5	26.0 ±2.0	(18)	(22)	(32)
After (Polystyrene)	Φ380 ±2.0		Φ80 ±1.0	Φ13 ±0.2	Φ21 ±0.8		2.0 ±0.5	13.4 ±1.0	17.4 ±1.0	25.4 ±1.0	17.4 ±1.0	21.4 ±1.0	29.4 ±1.0

(2) Product cost : No change

(3) Product number : No change

(4) MOQ : No change

\*Reel dimension is designed by following JEITA ET-7200C.

\*12mm/16mm/24mm dimension indicates the embossed tape width.

### 3. Switching period

**We are planning to switch from paper reel to plastic reel during the period between May and June 2017.**

### 4. Manufacturing Sites

Input Devices Business Unit, Electromechanical Control Business Division Panasonic Corporation (Japan)

Panasonic Industrial Devices (Qingdao) Co., Ltd. (China)

Panasonic Industrial Devices Malaysia Sdn. Bhd. (Malaysia)

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## 5. Products

Product name		Product type	Product No.	Emboss width
Light Touch Switch	①	6mm Square Long Travel SMD Light Touch Switches	EVQP0/P1/9P1	12mm
	②	4.9mm Square SMD Light Touch Switches	EVQPL/3PL/5PL/PT	12mm
	③	4.7mm x 3.5mm SMD Light Touch Switches	EVQP2/P9/3P2	12mm
	④	6.2mm x 2.5mm Side-operational Edge Mount Light Touch Switches	EVQP4	12mm
	⑤	Small-sized Side-operational SMD Light Touch Switches	EVQPU	12mm
	⑥	Reflow Light Touch Switches	EVQPH	12mm/16mm
	⑦	Dip Light Touch Switches	EVQQF	12mm
	⑧	6.1 mm×4.0 mm Side-operational SMD Light Touch Switches	EVQPS	16mm
	⑨	4.5mm形SMD Light Touch Switches	EVQPQ	12mm
	⑩	6mm Square Reflow Light Touch Switches	EVQQH/QW/QX/QG	12mm
Variable Resistor	①	10mm GS sensor	EVWAE/AD	24mm
Rotary Encoder	①	10mm SMD Encoder	EVQVV	24mm

## 6. Change point

5M1E		Change	Detail
Men		No change	No change in worker
Machine		No change	No change in assembly machine
Material	Product	No change	No change in material
	Packing	Change	Change of reel material for embossed tape (Item 2. Contents)
Method		No change	No change in assembly process
Measurement Inspection		No change	No change in inspection machine and measurement item
Environment		No change	No change in assembly place

AFFECTED MPNS

EVQ-11A04M  
EVQ-11A05R  
EVQ-11A07K  
EVQ-11A09K  
EVQ-11D04K  
EVQ-11G04M  
EVQ-11G05R  
EVQ-11G07K  
EVQ-11G09K  
EVQ-11L04M  
EVQ-11L05R  
EVQ-11L07K  
EVQ-11L09K  
EVQ-11S04M  
EVQ-11U04M  
EVQ-11U05R  
EVQ-11U07K  
EVQ-11U09K  
EVQ-11Y04K  
EVQ-21304M  
EVQ-21305R  
EVQ-21307K  
EVQ-21309K  
EVQ-21404M  
EVQ-21405R  
EVQ-21407K  
EVQ-21409K  
EVQ-21504M  
EVQ-21505R  
EVQ-21507K  
EVQ-21509K  
EVQ-21G04K  
EVQ-22704M  
EVQ-22705R  
EVQ-22707K  
EVQ-22709K  
EVQ-3P202K  
EVQ-3P2F02K  
EVQ-3PRA09  
EVQ-5PN04K  
EVQ-5PN05K  
EVQ-6P6B40  
EVQ-9P105M  
EVQ-9P6B40  
EVQ-P0D07K  
EVQ-P0E07K

EVQ-P0N02B  
EVQ-P0P02B  
EVQ-P0Q02Q  
EVQ-P0S02Q  
EVQ-P1905M  
EVQ-P1D05M  
EVQ-P1F05M  
EVQ-P1K05M  
EVQ-P2002M  
EVQ-P2002W  
EVQ-P2202M  
EVQ-P2202W  
EVQ-P2402M  
EVQ-P2402W  
EVQ-P2602M  
EVQ-P2602W  
EVQ-P2B02B  
EVQ-P2D02Q  
EVQ-P2F02K  
EVQ-P2H02B  
EVQ-P2K02Q  
EVQ-P2P02M  
EVQ-P2P02W  
EVQ-P2R02M  
EVQ-P2R02W  
EVQ-P2T02M  
EVQ-P2T02W  
EVQ-P2V02M  
EVQ-P2V02W  
EVQ-P3401P  
EVQ-P40B3M  
EVQ-P42B3M  
EVQ-P44B3M  
EVQ-P46B3M  
EVQ-P4HB3B  
EVQ-P4KB3Q  
EVQ-P4MB3K  
EVQ-P6DB35  
EVQ-P6LB55  
EVQ-P6PB35  
EVQ-P6YB55  
EVQ-P7A01P  
EVQ-P7B01P  
EVQ-P7C01P  
EVQ-P7D01P  
EVQ-P7J01P  
EVQ-P7K01P

EVQ-P7L01P  
EVQ-P7M01P  
EVQ-P9P02M  
EVQ-P9P02W  
EVQ-PAC04M  
EVQ-PAC05R  
EVQ-PAC07K  
EVQ-PAC09K  
EVQ-PAD04M  
EVQ-PAD05R  
EVQ-PAD07K  
EVQ-PAD09K  
EVQ-PAE04M  
EVQ-PAE05R  
EVQ-PAE07K  
EVQ-PAE09K  
EVQ-PAG04M  
EVQ-PAG05R  
EVQ-PAG07K  
EVQ-PAG09K  
EVQ-PBC04M  
EVQ-PBC05R  
EVQ-PBC07K  
EVQ-PBC09K  
EVQ-PBD04M  
EVQ-PBD05R  
EVQ-PBD07K  
EVQ-PBD09K  
EVQ-PBE04M  
EVQ-PBE05R  
EVQ-PBE07K  
EVQ-PBE09K  
EVQ-PBG04M  
EVQ-PBG05R  
EVQ-PBG07K  
EVQ-PBG09K  
EVQ-PC005K  
EVQ-PC105K  
EVQ-PC205K  
EVQ-PC305K  
EVQ-PC405K  
EVQ-PC505K  
EVQ-PC605K  
EVQ-PC705K  
EVQ-PE104K  
EVQ-PE104K-CT  
EVQ-PE105K

EVQ-PE404Q  
EVQ-PE405Q  
EVQ-PE504K  
EVQ-PE505K  
EVQ-PE604T  
EVQ-PE605T  
EVQ-PF003M  
EVQ-PF004R  
EVQ-PF006K  
EVQ-PF008K  
EVQ-PF103M  
EVQ-PF104R  
EVQ-PF106K  
EVQ-PF108K  
EVQ-PF203M  
EVQ-PF204R  
EVQ-PF206K  
EVQ-PF208K  
EVQ-PF303M  
EVQ-PF304R  
EVQ-PF306K  
EVQ-PF308K  
EVQ-PK107K  
EVQ-PKT05B  
EVQ-PKU05B  
EVQ-PKV05B  
EVQ-PLBA08  
EVQ-PLDA15  
EVQ-PLFA08  
EVQ-PLHA15  
EVQ-PLKA08  
EVQ-PLMA15  
EVQ-PLWA15  
EVQ-PNF04M  
EVQ-PNF05M  
EVQ-PQHB55  
EVQ-PQMB55  
EVQ-PRBA09  
EVQ-PRDA09  
EVQ-PRHA09  
EVQ-PSC02K  
EVQ-PSD02K  
EVQ-PSG02K  
EVQ-PSH02K  
EVQ-PSL02K  
EVQ-PSM02K  
EVQ-PSQ02K

EVQ-PSR02K  
EVQ-PT9A15  
EVQ-PUA02K  
EVQ-PUB02K  
EVQ-PUC02K  
EVQ-PUD02K  
EVQ-PUJ02K  
EVQ-PUK02K  
EVQ-PUL02K  
EVQ-PUM02K  
EVQ-PVA05K  
EVQ-PVF05K  
EVQ-PVG05K  
EVQ-PVW05K  
EVQ-Q04A10  
EVQ-Q0A03K  
EVQ-Q1E06K  
EVQ-Q2201W  
EVQ-Q2202W  
EVQ-Q2203W  
EVQ-Q2503W  
EVQ-Q2B01W  
EVQ-Q2B02W  
EVQ-Q2B03W  
EVQ-Q2D01W  
EVQ-Q2D02W  
EVQ-Q2D03W  
EVQ-Q2F01W  
EVQ-Q2F02W  
EVQ-Q2F03W  
EVQ-Q2H01W  
EVQ-Q2H02W  
EVQ-Q2H03W  
EVQ-Q2K01W  
EVQ-Q2K02W  
EVQ-Q2K03W  
EVQ-Q2M01W  
EVQ-Q2M02W  
EVQ-Q2M03W  
EVQ-Q2P01W  
EVQ-Q2P02W  
EVQ-Q2P03W  
EVQ-Q2S01W  
EVQ-Q2S02W  
EVQ-Q2S03W  
EVQ-Q2U01W  
EVQ-Q2U02W



EVQ-Q2U03W  
EVQ-Q2W01W  
EVQ-Q2W02W  
EVQ-Q2W03W  
EVQ-Q2Y01W  
EVQ-Q2Y02W  
EVQ-Q2Y03W  
EVQ-V0B00115B  
EVQ-V5A00109B  
EVQ-V5C00315B  
EVQ-V5D00309B  
EVQ-V5J00509B  
EVQ-V6B00909B  
EVQ-V9C00116E  
EVQ-VND00115B  
EVQ-VXC00112B  
EVQ-VXD00112B  
EVQ-VXM00112B  
EVQ-W8400415E  
EVQ-W8600629E

EVQ-W8B00923E  
EVQ-WFP00415B  
EVQ-WHA50K  
EVQ-WHE50K  
EVQ-WK4001  
EVQPJG05Q