

To : Customer



ENG-H1-104 1/1

November 13, 2020

Huanan design

Product Change Notification

TAMURA ELECTRONICS (S.Z.) CO., LTD.

Product category : Current sensor Electrical circuit change (adjustment circuit of offset voltage and rated output voltage) Model: L37 Family	Total	approved	checked	prepared
	1 Pages			

Dear Sirs/Madams,

The supply of IC (D/A converter with built-in EEPROM) used for L37SxxxD15 / L37PxxxD15 has been stopped due to the factory fire of the IC manufacturer. There is no replacement for this IC. The electrical circuit will be changed to continue the supply of L37SxxxD15 / L37PxxxD15.

Please check the following contents.

1. Product

7 Series 52 models will be changed.

L37SxxxD15M Series	L37SxxxD15J Series	L37SxxxD15M-A Series	L37PxxxD15 Series
L37S050D15M	L37S050D15J	L37S050D15M-A	L37P050D15
L37S100D15M	L37S100D15J	L37S100D15M-A	L37P100D15
L37S200D15M	L37S200D15J	L37S200D15M-A	L37P200D15
L37S300D15M	L37S300D15J	L37S300D15M-A	L37P300D15
L37S400D15M	L37S400D15J	L37S400D15M-A	L37P400D15
L37S500D15M	L37S500D15J	L37S500D15M-A	L37P500D15
L37S600D15M	L37S600D15J	L37S600D15M-A	L37P600D15
L37S800D15M	L37S800D15J	L37S800D15M-A	

L37SxxxD15LM Series	L37SxxxD15LJ Series	L37SxxxD15LM-A Series
L37S050D15LM	L37S050D15LJ	L37S050D15LM-A
L37S100D15LM	L37S100D15LJ	L37S100D15LM-A
L37S200D15LM	L37S200D15LJ	L37S200D15LM-A
L37S300D15LM	L37S300D15LJ	L37S300D15LM-A
L37S400D15LM	L37S400D15LJ	L37S400D15LM-A
L37S500D15LM	L37S500D15LJ	L37S500D15LM-A
L37S600D15LM	L37S600D15LJ	L37S600D15LM-A



2. Change content and reason

No.	Change content	Reason
1	Change of adjustment circuit of offset voltage and rated output voltage. <Change before> Digital adjustment circuit by D/A converter with built-in EEPROM (AK9820CT, Asahi Kasei). <After change> Adjustment circuit by laser trimming. Laser trimming is often used in different part numbers of Tamura current sensors.	The supply of AK9820CT was stopped due to a fire at Asahi Kasei Electronics' Nobeoka factory (Fab2).

3. Sample submission

Samples will be submitted from the end of January 2021.

Please request the model number and quantity.

4. Schedule of change of mass-produced products

It will be changed from the production in January 2021.

5. Change of the product specification

We make minimal design changes so that performance, reliability and electrical characteristics are not affected. In addition, the model number will not be changed.

6. Other

UL certification will be renewed. The UL number (E243511) will not be changed.

Sincerely yours,

Distribution :
ST-214A-001