

Prepared (Subject resp) jjdkzhou Kevin Zhou		No. FPM-ext-2022:2	
Approved (Document resp) jiddxia David Xie	Checked	Date 2022-02-09	Rev A

For your Information

Receiver

Sales and FAEs

All Customers

Product Notice - 2nd source qualification on PKB-D series

1 Products affected

Flex Power Modules is continuously working to improve delivery performance during the current global supply chain constraint situation.

Recently, an alternative source for buck regulator has been qualified and approved to improve delivery performance for following affected products.

Flex MPN	Input V_I [V]	Output V_O [V]	Output Power [W]
PKB2213D*	18-36	12	240
PKB4110D*	36-75	3.3	132
PKB4111D*	36-75	5	150
PKB4211D*	36-75	5	200
PKB4217ND*	36-75	10	250
PKB4213D*	36-75	12	264
PKB4313D*	36-75	12	300
PKB4313DA*	36-75	12	390
PKB4413DA*	36-75	12	408
PKB4413D*	36-60	12	450

*including all options: Through hole(PI), Surface mount(SI), Positive control logic(P), Lead length 3.69mm(LA), Lead length 4.57mm(LB), Lead length 2.79mm(LC), Baseplate(HS) according to technical specification.

For more information about affected product series, please refer to the technical specifications through Flex Power Modules website.

[PKB-D • Power Modules • Flex \(flexpowermodules.com\)](https://www.flexpowermodules.com)

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2 PCN Classification

Minor Change: There is no change to Form, Fit or Function. There is no change to product revision. Only BOM revision will be updated to show alternate part to be allowed.

3 Reason for Change

The change is to add an alternative new TI part numbers LM34926 as second source of original TI LM34925.

4 Change Explanation

Alternative source TI LM34926 has been qualified as an alternative replacement for original component TI LM34925 to improve delivery performance for affected PKB-D products.

Verification test has been done for affected products and measurement results shows no electrical or mechanical performance deviation.

5 Product verification

Electrical, mechanical and production verification tests have been performed according to Flex Power Modules' product approval process.

6 Test Results

Approved.

7 Safety approvals

No change to safety approvals.

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8 Availability Date

New added part numbers below will run into mass production from the cut-in date.

Product part number	Sample with new alternative component available date	Release date	Cut-in date
PKB2213D*	2022-2-11	released	Week 10, 2022
PKB4110D*	2022-2-11	released	Week 10, 2022
PKB4111D*	2022-2-11	released	Week 10, 2022
PKB4211D*	2022-2-11	released	Week 10, 2022
PKB4217ND*	2022-2-11	released	Week 10, 2022
PKB4213D*	2022-2-11	released	Week 10, 2022
PKB4313D*	2022-2-11	released	Week 10, 2022
PKB4313DA*	2022-2-11	released	Week 10, 2022
PKB4413DA*	2022-2-11	released	Week 10, 2022
PKB4413D*	2022-2-11	released	Week 10, 2022

9 Addendum

If you have any questions, please do not hesitate to contact the undersigned.

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