

PRODUCT CHANGE NOTIFICATION



Reference: BED.PCN-4
Title: 2N3055 Datasheet Amendment
Issue Date: 31st January 2023
Originator: TT Electronics – Welwyn Components Ltd
Distribution: All Customers

1 Summary

This change notification is provided to inform the customers of the affected product of changes listed in the table below. The change is classified as minor. Minor is for customer information only. Customers may need to consider the impact of the change before orders can be processed in the future.

1.1 Affected products

2N3055-JQR-B : NPN Transistor, TO-3-1.0mm (TO-204AA) Metal Package

2 Change Information

2.1 Detail of change

New issue for the 2N3055 product datasheet/specification after sourcing an alternative die to make the device. All future devices will be supplied in accordance with issue 3, 2N3055 (DOC 9313) datasheet/specification.

Datasheet amendment has resulted in a change to the dynamic transition frequency (fT) characteristic and bias conditions as shown below. No other device parameters are affected by this change.

From	To
Bias: VCE = 4V, IC = 0.5A, f = 1.0MHz Limit : 0.8MHz (Min) to 4MHz (Max)	Bias: VCE = 10V, IC = 0.5A, f = 1.0MHz Limit : 2.5MHz (Min)

2.2 Reason for change

The previous die used to make the issue 2 of the 2N3055 device became obsolete and therefore we have sourced a new die in order that the product may remain active. As a result, the transition (fT) specification is now aligned with other market 2N3055 device specifications.

2.3 Change impact

Overall change impact is considered low, but could still impact customers who had a specific design requirement to the original 'transition frequency (fT)' specification condition/limits.

2.4 Qualification of change

Change has been qualified by measurement in accordance with the issue 3 datasheet/specification.

3 Implementation of change

3.1 Implementation date

All future orders / products shipped after 31/01/2023 would be in accordance with the issue 3 datasheet/specification.

Important information / Disclaimer

Welwyn Components Limited reserves the right to change test conditions, parameter limits and dimensions without notice. Information furnished by Welwyn is believed to be both accurate and reliable at the time of publication. However, Welwyn assumes no responsibility for any errors or omissions discovered in its use. Welwyn encourages customers to verify that product availability, information and datasheets are current before placing orders.

TT Electronics

Welwyn Electronics Park, Bedlington, Northumberland, NE22 7AA, England
email: Bedlington.sales@ttelectronics.com,
website: www.ttelectronics.com

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4 Contact information

To contact TT Electronics regarding this change please use the details at the foot of this document, or, contact your local sales representative.

5 Authorisation

	Name	Function	Date
Issued by:	Dave Watt	Development Engineer	31/01/2023
Approved by:	Paul Wallace	Product Line Engineering Manager (Discrete Products)	01/02/2023
Approved by:	Clive Lincoln	Quality Manager	31/01/2023
Approved by:	Klaus Zwerschina	VP Sales. Sensors & Specialist Components	01/02/2023

6 Customer acknowledgement of receipt

	Name	Function	Date
Received by:			

Disclaimer applies from page 1

TT Electronics

Welwyn Electronics Park, Bedlington, Northumberland, NE22 7AA, England
email: Bedlington.sales@ttelectronics.com,
website: www.ttelectronics.com

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