

Title of Change:	Update datasheet of DIP-S6 (E4 dimension with tolerance)
Effective date:	29 May 2023
Contact information:	Contact your local onsemi Sales Office or Anh.Doan@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Update datasheet of DIP-S6 (E4 dimension with tolerance)
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

The purpose of this PB is to inform customers update datasheet of DIP-S6 (E4 dimension with tolerance). E4 dimension with tolerance 125BT, 181AE: 20.6 +- 0.5mm; 125BS: 20.5 +- 0.5mm.

Current:

Dimension E4 REF

TABLE 1: DIMENSIONS (MILLIMETERS)

SYMBOL	MIN.	NOM.	MAX.
A	4.50	4.50	4.50
A1	4.50	4.50	4.50
A2	5.10	5.10	5.10
A3	5.10	5.10	5.10
A4	5.10	5.10	5.10
A5	5.10	5.10	5.10
A6	5.10	5.10	5.10
A7	5.10	5.10	5.10
A8	5.10	5.10	5.10
A9	5.10	5.10	5.10
A10	5.10	5.10	5.10
A11	5.10	5.10	5.10
A12	5.10	5.10	5.10
A13	5.10	5.10	5.10
A14	5.10	5.10	5.10
A15	5.10	5.10	5.10
A16	5.10	5.10	5.10
A17	5.10	5.10	5.10
A18	5.10	5.10	5.10
A19	5.10	5.10	5.10
A20	5.10	5.10	5.10
A21	5.10	5.10	5.10
A22	5.10	5.10	5.10
A23	5.10	5.10	5.10
A24	5.10	5.10	5.10
A25	5.10	5.10	5.10
A26	5.10	5.10	5.10
A27	5.10	5.10	5.10
A28	5.10	5.10	5.10
A29	5.10	5.10	5.10
A30	5.10	5.10	5.10
A31	5.10	5.10	5.10
A32	5.10	5.10	5.10
A33	5.10	5.10	5.10
A34	5.10	5.10	5.10
A35	5.10	5.10	5.10
A36	5.10	5.10	5.10
A37	5.10	5.10	5.10
A38	5.10	5.10	5.10
A39	5.10	5.10	5.10
A40	5.10	5.10	5.10
A41	5.10	5.10	5.10
A42	5.10	5.10	5.10
A43	5.10	5.10	5.10
A44	5.10	5.10	5.10
A45	5.10	5.10	5.10
A46	5.10	5.10	5.10
A47	5.10	5.10	5.10
A48	5.10	5.10	5.10
A49	5.10	5.10	5.10
A50	5.10	5.10	5.10
A51	5.10	5.10	5.10
A52	5.10	5.10	5.10
A53	5.10	5.10	5.10
A54	5.10	5.10	5.10
A55	5.10	5.10	5.10
A56	5.10	5.10	5.10
A57	5.10	5.10	5.10
A58	5.10	5.10	5.10
A59	5.10	5.10	5.10
A60	5.10	5.10	5.10
A61	5.10	5.10	5.10
A62	5.10	5.10	5.10
A63	5.10	5.10	5.10
A64	5.10	5.10	5.10
A65	5.10	5.10	5.10
A66	5.10	5.10	5.10
A67	5.10	5.10	5.10
A68	5.10	5.10	5.10
A69	5.10	5.10	5.10
A70	5.10	5.10	5.10
A71	5.10	5.10	5.10
A72	5.10	5.10	5.10
A73	5.10	5.10	5.10
A74	5.10	5.10	5.10
A75	5.10	5.10	5.10
A76	5.10	5.10	5.10
A77	5.10	5.10	5.10
A78	5.10	5.10	5.10
A79	5.10	5.10	5.10
A80	5.10	5.10	5.10
A81	5.10	5.10	5.10
A82	5.10	5.10	5.10
A83	5.10	5.10	5.10
A84	5.10	5.10	5.10
A85	5.10	5.10	5.10
A86	5.10	5.10	5.10
A87	5.10	5.10	5.10
A88	5.10	5.10	5.10
A89	5.10	5.10	5.10
A90	5.10	5.10	5.10
A91	5.10	5.10	5.10
A92	5.10	5.10	5.10
A93	5.10	5.10	5.10
A94	5.10	5.10	5.10
A95	5.10	5.10	5.10
A96	5.10	5.10	5.10
A97	5.10	5.10	5.10
A98	5.10	5.10	5.10
A99	5.10	5.10	5.10
A100	5.10	5.10	5.10

TABLE 1: DIMENSIONS (MILLIMETERS)

SYMBOL	MIN.	NOM.	MAX.
A	4.50	4.50	4.50
A1	4.50	4.50	4.50
A2	5.10	5.10	5.10
A3	5.10	5.10	5.10
A4	5.10	5.10	5.10
A5	5.10	5.10	5.10
A6	5.10	5.10	5.10
A7	5.10	5.10	5.10
A8	5.10	5.10	5.10
A9	5.10	5.10	5.10
A10	5.10	5.10	5.10
A11	5.10	5.10	5.10
A12	5.10	5.10	5.10
A13	5.10	5.10	5.10
A14	5.10	5.10	5.10
A15	5.10	5.10	5.10
A16	5.10	5.10	5.10
A17	5.10	5.10	5.10
A18	5.10	5.10	5.10
A19	5.10	5.10	5.10
A20	5.10	5.10	5.10
A21	5.10	5.10	5.10
A22	5.10	5.10	5.10
A23	5.10	5.10	5.10
A24	5.10	5.10	5.10
A25	5.10	5.10	5.10
A26	5.10	5.10	5.10
A27	5.10	5.10	5.10
A28	5.10	5.10	5.10
A29	5.10	5.10	5.10
A30	5.10	5.10	5.10
A31	5.10	5.10	5.10
A32	5.10	5.10	5.10
A33	5.10	5.10	5.10
A34	5.10	5.10	5.10
A35	5.10	5.10	5.10
A36	5.10	5.10	5.10
A37	5.10	5.10	5.10
A38	5.10	5.10	5.10
A39	5.10	5.10	5.10
A40	5.10	5.10	5.10
A41	5.10	5.10	5.10
A42	5.10	5.10	5.10
A43	5.10	5.10	5.10
A44	5.10	5.10	5.10
A45	5.10	5.10	5.10
A46	5.10	5.10	5.10
A47	5.10	5.10	5.10
A48	5.10	5.10	5.10
A49	5.10	5.10	5.10
A50	5.10	5.10	5.10
A51	5.10	5.10	5.10
A52	5.10	5.10	5.10
A53	5.10	5.10	5.10
A54	5.10	5.10	5.10
A55	5.10	5.10	5.10
A56	5.10	5.10	5.10
A57	5.10	5.10	5.10
A58	5.10	5.10	5.10
A59	5.10	5.10	5.10
A60	5.10	5.10	5.10
A61	5.10	5.10	5.10
A62	5.10	5.10	5.10
A63	5.10	5.10	5.10
A64	5.10	5.10	5.10
A65	5.10	5.10	5.10
A66	5.10	5.10	5.10
A67	5.10	5.10	5.10
A68	5.10	5.10	5.10
A69	5.10	5.10	5.10
A70	5.10	5.10	5.10
A71	5.10	5.10	5.10
A72	5.10	5.10	5.10
A73	5.10	5.10	5.10
A74	5.10	5.10	5.10
A75	5.10	5.10	5.10
A76	5.10	5.10	5.10
A77	5.10	5.10	5.10
A78	5.10	5.10	5.10
A79	5.10	5.10	5.10
A80	5.10	5.10	5.10
A81	5.10	5.10	5.10
A82	5.10	5.10	5.10
A83	5.10	5.10	5.10
A84	5.10	5.10	5.10
A85	5.10	5.10	5.10
A86	5.10	5.10	5.10
A87	5.10	5.10	5.10
A88	5.10	5.10	5.10
A89	5.10	5.10	5.10
A90	5.10	5.10	5.10
A91	5.10	5.10	5.10
A92	5.10	5.10	5.10
A93	5.10	5.10	5.10
A94	5.10	5.10	5.10
A95	5.10	5.10	5.10
A96	5.10	5.10	5.10
A97	5.10	5.10	5.10
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A7	5.10	5.10	5.10
A8	5.10	5.10	5.10
A9	5.10	5.10	5.10
A10	5.10	5.10	5.10
A11	5.10	5.10	5.10
A12	5.10	5.10	5.10
A13	5.10	5.10	5.10
A14	5.10	5.10	5.10
A15	5.10	5.10	5.10
A16	5.10	5.10	5.10
A17	5.10	5.10	5.10
A18	5.10	5.10	5.10
A19	5.10	5.10	5.10
A20	5.10	5.10	5.10
A21	5.10	5.10	5.10
A22	5.10	5.10	5.10
A23	5.10	5.10	5.10
A24	5.10	5.10	5.10
A25	5.10	5.10	5.10
A26	5.10	5.10	5.10
A27	5.10	5.10	5.10
A28	5.10	5.10	5.10
A29	5.10	5.10	5.10
A30	5.10	5.10	5.10
A31	5.10	5.10	5.10
A32	5.10	5.10	5.10
A33	5.10	5.10	5.10
A34	5.10	5.10	5.10
A35	5.10	5.10	5.10
A36	5.10	5.10	5.10
A37	5.10	5.10	5.10
A38	5.10	5.10	5.10
A39	5.10	5.10	5.10
A40	5.10	5.10	5.10
A41	5.10	5.10	5.10
A42	5.10	5.10	5.10
A43	5.10	5.10	5.10
A44	5.10	5.10	5.10
A45	5.10	5.10	5.10
A46	5.10	5.10	5.10
A47	5.10	5.10	5.10
A48	5.10	5.10	5.10
A49	5.10	5.10	5.10
A50	5.10	5.10	5.10
A51	5.10	5.10	5.10
A52	5.10	5.10	5.10
A53	5.10	5.10	5.10
A54	5.10	5.10	5.10
A55	5.10	5.10	5.10
A56	5.10	5.10	5.10
A57	5.10	5.10	5.10
A58	5.10	5.10	5.10
A59	5.10	5.10	5.10
A60	5.10	5.10	5.10
A61	5.10	5.10	5.10
A62	5.10	5.10	5.10
A63	5.10	5.10	5.10
A64	5.10	5.10	5.10
A65	5.10	5.10	5.10
A66	5.10	5.10	5.10
A67	5.10	5.10	5.10
A68	5.10	5.10	5.10
A69	5.10	5.10	5.10
A70	5.10	5.10	5.10
A71	5.10	5.10	5.10
A72	5.10	5.10	5.10
A73	5.10	5.10	5.10
A74	5.10	5.10	5.10
A75	5.10	5.10	5.10
A76	5.10	5.10	5.10
A77	5.10	5.10	5.10
A78	5.10	5.10	5.10
A79	5.10	5.10	5.10
A80	5.10	5.10	5.10
A81	5.10	5.10	5.10
A82	5.10	5.10	5.10
A83	5.10	5.10	5.10
A84			

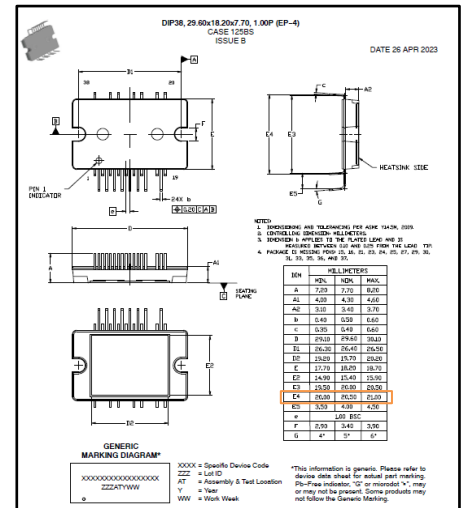
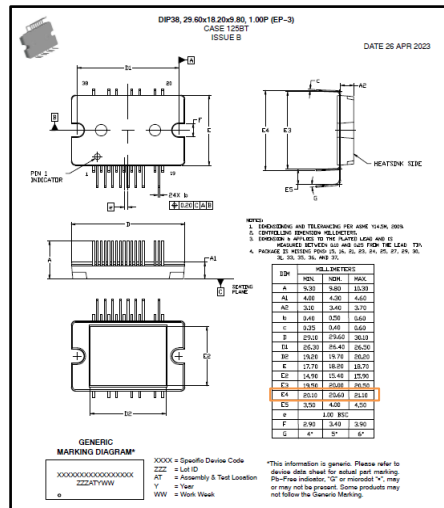
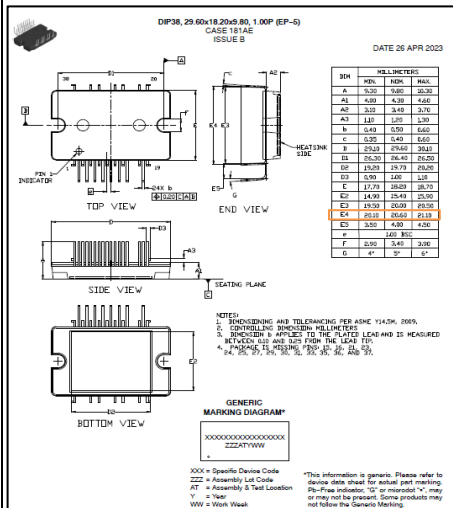
Update E4 with tolerance:

125BT, 181AE:

DIM	MILLIMETERS	
	MIN.	MAX.
E4	20.1mm	21.1mm

125BS:

DIM	MILLIMETERS	
	MIN.	MAX.
E4	20mm	21mm



To view attached Package Dimensions:

1. Download pdf copy of the PCN to your computer
2. Open the downloaded pdf copy of the PCN
3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field
4. Then click on the attached file

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

NFAQ0560R46T	NFAQ1060L36T	NFAQ1060L33T
NFAQ0860L36T	NFAQ0860L33T	NFAQ0560R43T
NFAQ1560R43TL	NFAQ1560R43T	



Appendix A: Changed Products

PCN#: PB25522X
Issue Date: May 29, 2023

DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NFAQ0560R46T				
NFAQ0860L36T				
NFAQ0860L33T				
NFAQ0560R43T				
NFAQ1560R43TL				
NFAQ1560R43T				
NFAQ1060L36T				
NFAQ1060L33T				