

PRODUCT CHANGE NOTICE

| | | | |
|--|----------------------------------|---|----------------------------------|
| 1. TITLE UT54BS3245 8-BIT 1:1 BUS SWITCH - PACKAGE PINOUT DIAGRAM CORRECTION | | 2. DOCUMENT NUMBER SPO-2019-PCN-0001 | |
| | | 3. DATE (Year, Month, Date) 2022 JULY 26 | |
| 4. MANUFACTURER NAME AND ADDRESS CAES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486 | | 5. MANUFACTURER POINT OF CONTACT NAME BRUCE MASSEY | |
| | | 6. MANUFACTURER POINT OF CONTACT TELEPHONE 719 594-8466 | |
| | | 7. MANUFACTURER POINT OF CONTACT EMAIL Bruce.Massey@CAES.com | |
| 8. CAGE CODE 65342 | 9. EFFECTIVE DATE 2019 SEP 16 | 10. PRODUCT IDENTIFICATION CODE YB22 | 11. BASE PART UT54BS3245 |
| 12. BLANK | | 13. SMD NUMBER 5962-15244 | 14. DEVICE TYPE DESIGNATOR |
| | | 15. RHA LEVELS R, F | 16. QML LEVEL Q, V |
| | | 17. NON QML LEVEL Prototype, HiRel | 18. GIDEP GB4-C-22-002 |

19. PRODUCT CHANGE

The UT54BS3245 8-bit Bus Switch Data Sheet and SMD documents were recently found to contain an incorrect Package Pinout Diagram. Reference the following Figures from these documents:

- Data Sheet: Package Pinout Diagram, Page 3
- SMD: Figure 2. Terminal PIN number (TOP VIEW). Sheet 10

For applicable part numbers, see Table 1, SHEET 2, below.

The affected pins are 11-14, inclusive. The *incorrect* diagram shows the pin order for these signals as B8-B5 for pins 11-14, respectively. The *correct* order for pins 11-14 is B5-B8, respectively, as shown in Figure 1, below.

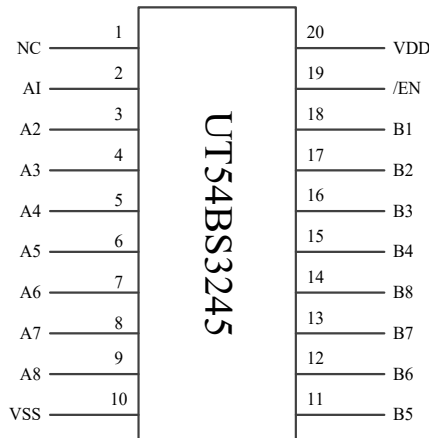


Figure 1 – Corrected Package Pinout Diagram

| | | | | |
|------------------------------------|--|---|---|--|
| 20. DISPOSITIONARY RECOMMENDATION: | CHECK & USE AS IS <input type="checkbox"/> | CONTACT MANUFACTURER <input type="checkbox"/> | REMOVE & REPLACE <input type="checkbox"/> | CORRECT & USE AS SPECIFIED <input checked="" type="checkbox"/> |
|------------------------------------|--|---|---|--|

The Data Sheet document has been corrected. See link here:

<https://caes.com/sites/default/files/documents/Datasheet-UT54BS3245.pdf>

Bus Switch UT54BS3245 8-bit Bus Switch

Released Datasheet

August 19, 2021

The SMD document correction is currently work in progress (WIP) as of the date of this ADEPT PCN notification.

SMD document link here (incorrect Figure 2, Sheet 10 as of 2019 SEP 16):

<https://landandmaritimeapps.dla.mil/Downloads/MilSpec/Smd/15244.pdf>

MICROCIRCUIT, DIGITAL, RADIATION HARDENED, HIGH SPEED CMOS, 8 BIT BUS SWITCH, MONOLITHIC SILICON
5962-15244

Revision A

19-05-24

SMD corrections are in progress with ECD of 2019 OCT 16.

Table 1. Affected Part Numbers Under This PCN

| Description | SMD Number | Cobham Part Number | Cobham PIC Number |
|----------------------|-----------------|--------------------|-------------------|
| 8-Bit 1:1 Bus Switch | 5962R1524401QXC | UT54BS3245 | YB22 |
| | 5962F1524401QXC | UT54BS3245 | YB22 |
| | 5962R1524401QXA | UT54BS3245 | YB22 |
| | 5962F1524401QXA | UT54BS3245 | YB22 |
| | 5962R1524401VXC | UT54BS3245 | YB22 |
| | 5962F1524401VXC | UT54BS3245 | YB22 |
| | 5962R1524401VXA | UT54BS3245 | YB22 |
| | 5962F1524401VXA | UT54BS3245 | YB22 |