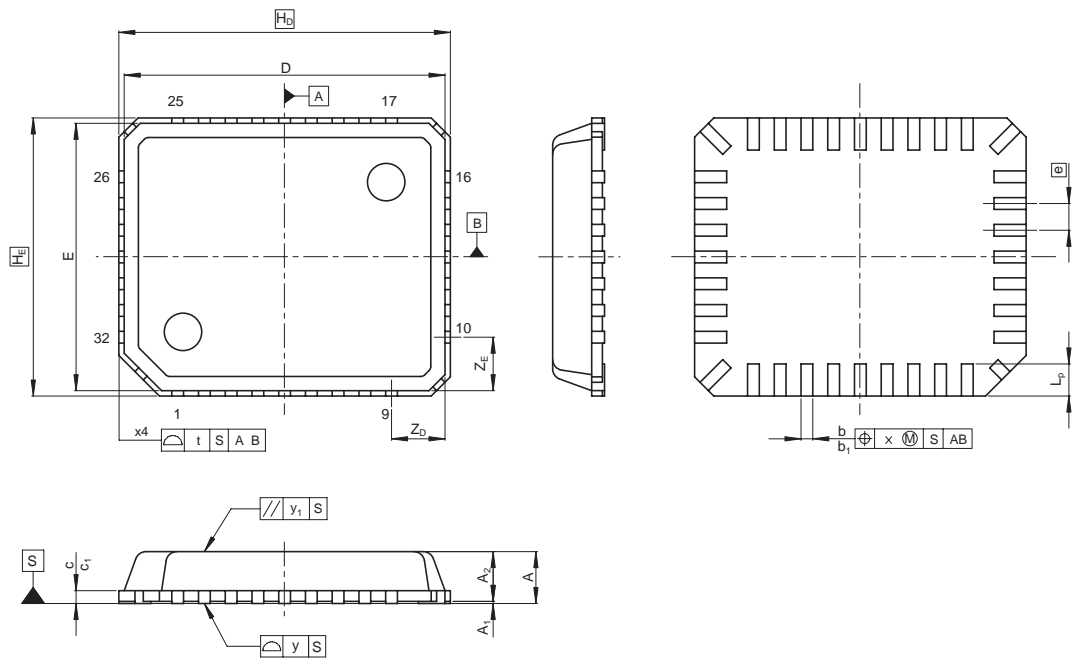


|                    |              |                |            |
|--------------------|--------------|----------------|------------|
| JEITA Package Code | RENESAS Code | Previous Code  | MASS[Typ.] |
| P-VQFN32-5x6-0.50  | PVQN0032KA-A | TNP-32/TNP-32V | 0.06g      |

NOTE)  
b1,c1: DIMENSION BEFORE PLATING



| Reference Symbol | Dimension in Millimeters |      |      |
|------------------|--------------------------|------|------|
|                  | Min                      | Nom  | Max  |
| D                | —                        | 6.0  | —    |
| E                | —                        | 5.0  | —    |
| A                | —                        | 0.89 | —    |
| A <sub>2</sub>   | —                        | —    | 0.95 |
| A <sub>1</sub>   | 0.005                    | 0.02 | 0.04 |
| b                | 0.17                     | 0.22 | 0.27 |
| b <sub>1</sub>   | —                        | 0.20 | —    |
| e                | —                        | 0.5  | —    |
| L <sub>p</sub>   | 0.50                     | 0.60 | 0.70 |
| x                | —                        | —    | 0.05 |
| y                | —                        | —    | 0.05 |
| y <sub>1</sub>   | —                        | —    | 0.20 |
| t                | —                        | —    | 0.20 |
| H <sub>D</sub>   | —                        | 6.2  | —    |
| H <sub>E</sub>   | —                        | 5.2  | —    |
| Z <sub>D</sub>   | —                        | 1.0  | —    |
| Z <sub>E</sub>   | —                        | 1.0  | —    |
| c                | 0.17                     | 0.22 | 0.25 |
| c <sub>1</sub>   | —                        | 0.20 | —    |