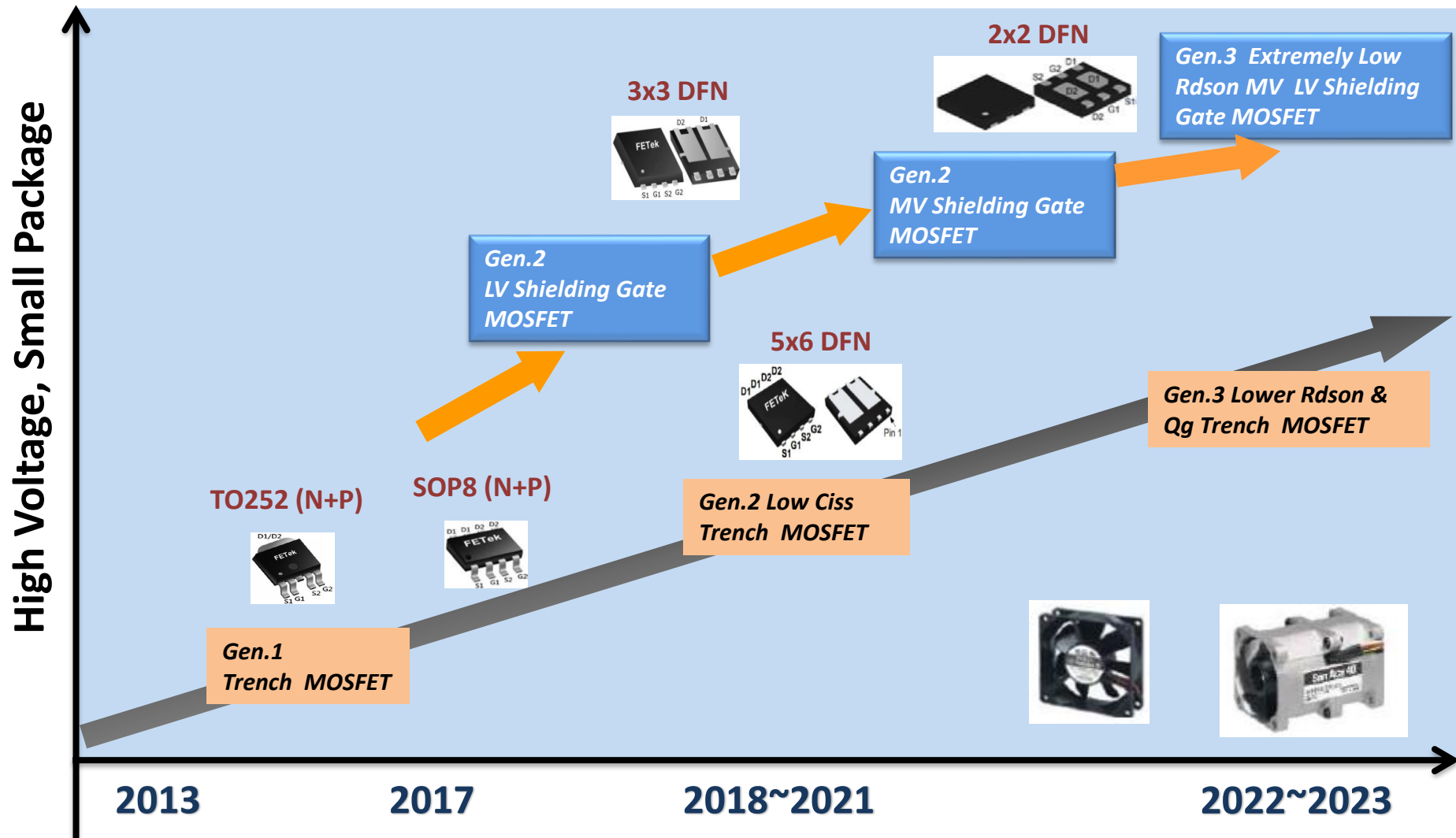


## 產品類型:

- Complementary(N+P) MOSFET
- Dual N MOSFET
- Single P MOSFET for Protection
- Product Roadmap

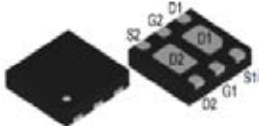
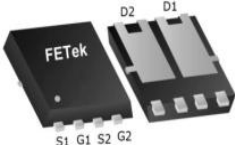




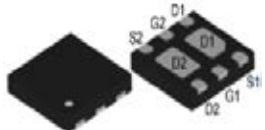
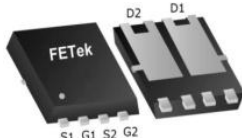
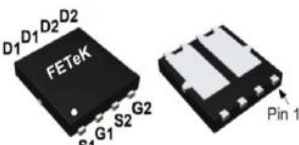


# Complementary(N+P) MOSFET

➤ 依據客戶規格客製化 Package

|        | 2x2 DFN                                                                           | 3x3 DFN EP(NEP)                                                                   | 5x6 DFN                                                                            | SOP8                                                                                | TO252-4                                                                             |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| DC-BUS |  |  |  |  |  |
| 20V    | FKCB2903                                                                          | ---                                                                               | ---                                                                                | ---                                                                                 | ---                                                                                 |
| 30V    | ---                                                                               | FKBB3909 FKBB3901<br>FKBE3911(QH8MA2)<br>FKBE3901(QH8MA3)<br>FKBE3903(QH8MA4)     | FKBA3903<br>FKBA3905                                                               | FKS3901 FKS3903<br>FKS3905 FKS3907                                                  | FKD3901 FKD3903                                                                     |
| 40V    | ---                                                                               | FKBE4903 FKBB4903                                                                 | FKBA4903<br>FKBA4905<br>FKBA4909                                                   | FKS4901 FKS4903<br>FKS4905 FKS4907                                                  | FKD4903 FKD4905                                                                     |
| 60V    | ---                                                                               | FKBB6903                                                                          | FKBA6903                                                                           | FKS6901 FKS6903                                                                     | FKD6901 FKD6903                                                                     |
| 100V   | ---                                                                               | FKBE0901                                                                          | FKBA0903                                                                           | FKS0903                                                                             | ---                                                                                 |

## ➤ 依據客戶規格客製化 Package

|        | 2x2 DFN                                                                           | 3x3 DFN                                                                           | 5x6 DFN                                                                            | SOP8                                                                                | TO252-4                                                                             |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| DC-BUS |  |  |  |  |  |
| 20V    | ---                                                                               | ---                                                                               | ---                                                                                | ---                                                                                 | ---                                                                                 |
| 30V    | ---                                                                               | FKBB3202 FKBB3214                                                                 | FKBA3202<br>FKBA3204                                                               | FKS3202 FKS3204<br>FKS3206 FKS3208<br>FKS3214                                       | ---                                                                                 |
| 40V    | ---                                                                               | ---                                                                               | FKBA4206                                                                           | FKS4204 FKS4214                                                                     | ---                                                                                 |
| 60V    | ---                                                                               | FKBB6214<br>FKBB6254                                                              | FKBA6214                                                                           | FKS6204 FKS6208<br>FKS6214                                                          | ---                                                                                 |
| 100V   | ---                                                                               | FKBB0208 FKBB0210<br>FKBB0214<br>FKBB02100AE                                      | FKBA0204<br>FKBA0256                                                               | FKS0204 FKS0208<br>FKS0214 FKS0228                                                  | ---                                                                                 |



# Single P MOSFET for Protection

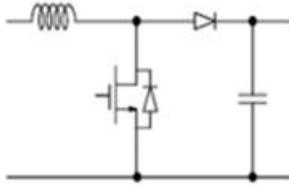
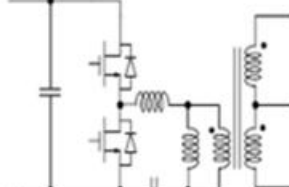
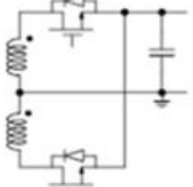
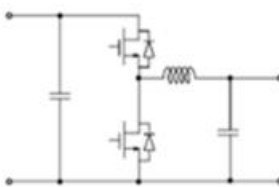
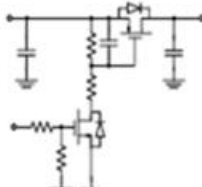
➤ 依據客戶規格客製化 Package

|        | <b>SOT223</b><br> | <b>SOT23</b><br> | <b>SOP8</b><br> | <b>TO252</b><br> | <b>PRPAK3x3</b><br> | <b>PRPAK5x6</b><br> |
|--------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| DC-BUS |                                                                                                    |                                                                                                   |                                                                                                  |                                                                                                     |                                                                                                        |                                                                                                        |
| 20V    | ---                                                                                                | FKN2607<br>FKN2601<br>FKN2609<br>FKN2643                                                          | ---                                                                                              | ---                                                                                                 | FKBB2627                                                                                               | ---                                                                                                    |
| 30V    | FKL3101<br>FKL3103<br>FKL3107                                                                      | FKN3101<br>FKN3103<br>FKN3107                                                                     | FKS3101<br>FKS3103<br>FKS3107                                                                    | FKD3101 FKD3107<br>FKD3103 FKD3113<br>FKD3105 FKD3115                                               | FKBB3103<br>FKBB3105<br>FKBB3115                                                                       | FKBA3103 FKBA3031<br>FKBA3105 FKBA3113<br>FKBA3115                                                     |
| 40V    | ---                                                                                                | FKN4101                                                                                           | FKS4101 FKS4103<br>FKS4113 FKS4115                                                               | FKD4101 FKD4103<br>FKD4113 FKD4115                                                                  | FKBB4113<br>FKBB4115                                                                                   | FKBA4115                                                                                               |
| 60V    | FKL6107                                                                                            | FKN6107                                                                                           | FKS6101 FKS6103<br>FKS6113 FKS6115                                                               | FKD6101 FKD6113<br>FKD6103 FKD6115<br>FKD6107                                                       | FKBB6115                                                                                               | FKBA6115                                                                                               |
| 100V   | FKL0107                                                                                            | FKN0107                                                                                           | ---                                                                                              | FKD0107 FKD0139                                                                                     | FKBB0115                                                                                               | FKBA0139                                                                                               |





# Reference Design Matching Part

| PFC cnverter                                                                                                                                                                                                                                                                                       | LLC converter                                                                                                                                                                                                                                                                                      | SR circuit                                                                                                                                                                                                                                                                                                                                          | Synchronous Buck                                                                                                                                                                                                                                                                                                                                  | Load Switch                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                    |                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                |                                                                                                                                                       |
| FKF65R40(650V/40mΩ)<br>FKD65R40(650V/40mΩ)<br>FKX65R40(650V/40mΩ)<br>FKF60R190(600V/190mΩ)<br>FKX60R190(600V/190mΩ)<br>FKF65R190(650V/190mΩ)<br>FKX65R190(650V/190mΩ)<br>FKF65R280(650V/280mΩ)<br>FKD65R380(650V/380mΩ)<br>FKF65R380(650V/380mΩ)<br>FKD65R600(650V/600mΩ)<br>FKF65R600(650V/600mΩ) | FKF65R40(650V/40mΩ)<br>FKD65R40(650V/40mΩ)<br>FKX65R40(650V/40mΩ)<br>FKF60R190(600V/190mΩ)<br>FKX60R190(600V/190mΩ)<br>FKF65R190(650V/190mΩ)<br>FKX65R190(650V/190mΩ)<br>FKF65R280(650V/280mΩ)<br>FKD65R380(650V/380mΩ)<br>FKF65R380(650V/380mΩ)<br>FKD65R600(650V/600mΩ)<br>FKF65R600(650V/600mΩ) | FKBA4048(40V/1.8mΩ)<br>FKBA4064(40V/2.8mΩ)<br>FKBA4070(40V/2mΩ)<br>FKBA4072(40V/2.5mΩ)<br>FKBA4086(40V/0.9mΩ)<br>FKBA4094(40V/2.2mΩ)<br>FKBA60XX(60V/1.6mΩ)<br>FKBA6048(60V/3.6mΩ)<br>FKBA6074(60V/2.1mΩ)<br>FKBA8074A(80V/3mΩ)<br>FKBA8070(80V/5mΩ)<br>FKBA15810C(100V/4.5mΩ)<br>FKBA0070(100V/7mΩ)<br>FKBA0048(100V/8mΩ)<br>FKBA0094(100V/11.5mΩ) | FKBA3048(30V/1.6mΩ)<br>FKBA3064(30V/2.2mΩ)<br>FKBA3080(30V/2mΩ)<br>FKBA3082(30V/2.5mΩ)<br>FKBA3086(30V/0.9mΩ)<br>FKBA3094(30V/2.2mΩ)<br>FKBA4048(40V/1.8mΩ)<br>FKBA4064(40V/2.8mΩ)<br>FKBA4070(40V/2mΩ)<br>FKBA4072(40V/2.5mΩ)<br>FKBA4086(40V/0.9mΩ)<br>FKBA4094(40V/2.2mΩ)<br>FKBA60XX(60V/1.6mΩ)<br>FKBA6048(60V/3.6mΩ)<br>FKBA6074(60V/2.1mΩ) | FKBA3031(-30V/7.2mΩ)<br>FKBA3115(-30V/9.8mΩ)<br>FKBB3115(-30V/8.7mΩ)<br>FKBB3151(-30V/9.5mΩ)<br>FKCE3031(-30V/7.2mΩ)<br>FKBA4113(-40V/40mΩ)<br>FKBA4115(-40V/13mΩ)<br>FKBB4113(-40V/40mΩ))<br>FKBB4115(-40V/13mΩ)<br>FKBA6115(-60V/25mΩ) |