Dear Infineon customer,

At Infineon we are committed to continuously improve our technologies in order to bring you the value-add you have come to expect from us as market leader in HV Power Semiconductors.

In developing new technologies, we believe that close co-operation with you, whom we consider to be our strategic customer, is of critical importance in order to successfully move the boundaries of technology and application performance forward.

We are therefore very pleased to be able to share with you samples of our new 600 V CoolMOS™ G7 and CoolSiC™ Schottky diode 650 V G6 in Double DPAK (DDPAK), the very first top-side cooled SMD package addressing the high power SMPS market.

We would like to extend a kind request to you to provide us feedback regarding the performance of these samples and take the opportunity to express our gratitude for the time and efforts spent in doing so.

Should you have any questions, please do not hesitate to contact your local sales partner.

Kind regards,
Your Product Marketing Team for CoolMOS™ SJ MOSFETs

Infineon Technologies Austria AG
Postfach 173 · 9500 Villach · Österreich, Tel.: +43 - (0)517 77 - 0, Fax.: +43 - (0)517 77 - 3501
Hausadresse: Siemensstraße 2, 9500 Villach, Österreich, Internet: www.infineon.com
Sitz der Gesellschaft: Villach, Registergericht: Landesgericht Klagenfurt FN 144991Y

The sample kit package consists of:

Samples:

600 V CoolMOS™ G7

10x 50 mOhm 600 V G7 in DDPAK
Part number: IPDD60R050G7

10x 80 mOhm 600 V G7 in DDPAK
Part number: IPDD60R080G7

10x 102 mOhm 600 V G7 in DDPAK
Part number: IPDD60R102G7

10x 125 mOhm 600 V G7 in DDPAK
Part number: IPDD60R125G7

10x 150 mOhm 600 V G7 in DDPAK
Part number: IPDD60R150G7

10x 190 mOhm 600 V G7 in DDPAK
Part number: IPDD60R190G7

650 V CoolSiC™ G6

10x 4 Amp 650 V G6 in DDPAK
Part number: IDDD04G65C6

10x 6 Amp 650 V G6 in DDPAK
Part number: IDDD06G65C6

10x 8 Amp 650 V G6 in DDPAK
Part number: IDDD08G65C6

10x 10 Amp 650 V G6 in DDPAK
Part number: IDDD10G65C6

10x 12 Amp 650 V G6 in DDPAK
Part number: IDDD12G65C6

10x 16 Amp 650 V G6 in DDPAK
Part number: IDDD16G65C6

10x 20 Amp 650 V G6 in DDPAK
Part number: IDDD20G65C6

Infineon Technologies Austria AG
Postfach 173 · 9500 Villach · Österreich, Tel.: +43 - (0)517 77 - 0, Fax.: +43 - (0)517 77 - 3501
Hausadresse: Siemensstraße 2, 9500 Villach, Österreich, Internet: www.infineon.com
Sitz der Gesellschaft: Villach, Registergericht: Landesgericht Klagenfurt FN 144991Y

1EDN EiceDRIVER™

10x 1 Channel Gate Driver IC in SOT-23 6pin
Part number: 1EDN7550B

10x 1 Channel Gate Driver IC in SOT-23 6pin
Part number: 1EDN8550B

Support material:

Product Brief Doube DPAK (DDPAK)

Product Brief 1EDN7550B and 1EDN8550B

Datasheets CoolMOS™ G7 in DDPAK

Datasheets CoolSiC™ G6 in DDPAK

Datasheets 1EDN7550B and 1EDN8550B

Infineon Technologies Austria AG
Postfach 173 · 9500 Villach · Österreich, Tel.: +43 - (0)517 77 - 0, Fax.: +43 - (0)517 77 - 3501
Hausadresse: Siemensstraße 2, 9500 Villach, Österreich, Internet: www.infineon.com
Sitz der Gesellschaft: Villach, Registergericht: Landesgericht Klagenfurt FN 144991Y