

Powered by Service

Complete Discrete Semiconductor Solutions

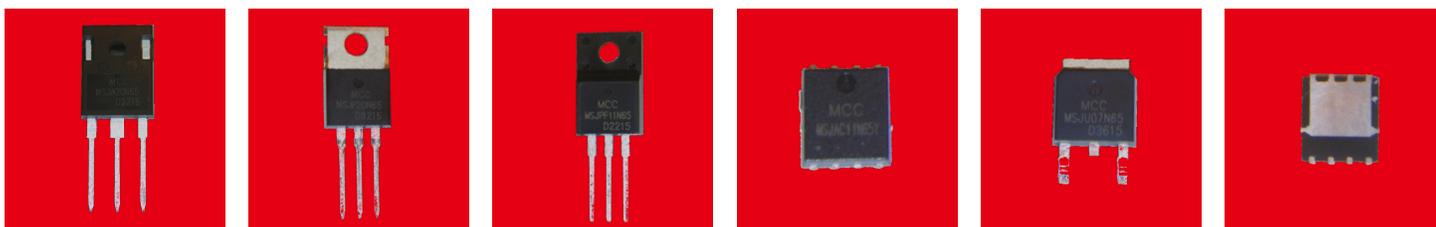
650V Superjunction MosFET's

• 650V / 7A / 600mΩ • 650V / 11A / 380mΩ • 650V / 20A / 170mΩ

Micro Commercial Components presents a new series of MosFET's using Superjunction Technology.

These MosFET's can be used for voltages up to 650V and allows max. currents of 7A/11A/20A at RDS(on)-values of 600mΩ/380 mΩ/170 mΩ.

Available in through-hole (TO-247(20A), TO-220/-F), and in surface mount packages (DFN5060(11A), DPAK). With this new series of MosFET's, MCC extends its high-voltage portfolio with cost efficient high-performance components.



Applications:

• SMPS • Chargers • PWM controls • PFC • LED lighting

Key Parameters:

Part Number	Package	Drain-Source Voltage	Gate-Source Voltage	Drain Current	RDS(ON) _{Max} @VGS=10V
		V _{DS} (V)	V _{GS} (V)	I _D (A)	(Ω)
MSJU07N65	DPAK	650	±30	7	0.6
MSJPF11N65	TO-220F	650	±30	11	0.38
MSJAC11N65Y	DFN5060	650	±30	11	0.38
MSJP11N65	TO-220AB(H)	650	±30	11	0.38
MSJU11N65	DPAK	650	±30	11	0.38
MSJP20N65	TO-220AB(H)	650	±30	20	0.17
MSJW20N65	TO-247	650	±30	20	0.17
MSJPF20N65	TO-220F	650	±30	20	0.17

