








# ***SiC MOSFETs Product Lineup***

# 1200V SiC MOSFETs –M1 Family






$R_{DS(ON)}$ (m $\Omega$ ) Typical	TO247-3	TO247-4	D2PAK-7L	Die – Wafer and T&R
				
20	NVHL020N120SC1 NTHL020N120SC1	NVH4L020N120SC1 NTH4L020N120SC1	NVBG020N120SC1 NTBG020N120SC1	NVC020N120SC1 NTC020N120SC1
40	NVHL040N120SC1 NTHL040N120SC1	NVH4L040N120SC1 NTH4L040N120SC1	NVBG040N120SC1 NTBG040N120SC1	NVC040N120SC1 NTC040N120SC1
80	NVHL080N120SC1A NTHL080N120SC1A	NVH4L080N120SC1 NTH4L080N120SC1	NVBG080N120SC1 NTBG080N120SC1	NVC080N120SC1 NTC080N120SC1
160	NVHL160N120SC1 NTHL160N120SC1	NVH4L160N120SC1 NTH4L160N120SC1	NVBG160N120SC1 NTBG160N120SC1	NVC160N120SC1 NTC160N120SC1

# 1700V SiC MOSFETs M1 Family(Non-Auto)

$R_{DS(ON)}$ (m $\Omega$ ) Typical	TO247-3	TO247-4	D2PAK-7L
			
28		NTH4L028N170M1	NTBG028N170M1
1000	NTHL1000N170M1		NTBG1000N170M1




Products marked in blue are in development, sampling Q2 2022

# 650V SiC MOSFETs—M2 Family




$R_{DS(ON)}$ (m $\Omega$ ) Typical	TO-247-3	TO-247-4	D2PAK-7	TOLL	PQFN88
					
15	NVHL015N065SC1 NTHL015N065SC1	NVH4L015N065SC1 NTH4L015N065SC1	NVBG015N065SC1 NTBG015N065SC1		
25	NVHL025N065SC1 NTHL025N065SC1	NVH4L025N065SC1 NTH4L025N065SC1	NVBG025N065SC1 NTBG025N065SC1 (Dec '21/Jan '22)	Planned, ES available	Planned, ES available
45	NVHL045N065SC1 NTHL045N065SC1	NVH4L045N065SC1 NTH4L045N065SC1	NVBG045N065SC1 NTBG045N065SC1	NTBL045N065SC1 (Mar/Apr '22)	NTMT045N065SC1 (Aug/Sep '22)
60	NVHL060N065SC1 NTHL060N065SC1	NVH4L060N065SC1 NTH4L060N065SC1	NVBG060N065SC1 NTBG060N065SC1 (Dec '21/Jan '22)	Planned, ES available	Planned, ES available
75/80	NVHL075N065SC1 NTHL075N065SC1	NVH4L075N065SC1 NTH4L075N065SC1	NVBG075N065SC1 (Dec '21/Jan '22)	Planned, ES available	Planned, ES available
95		NVH4L095N065SC1 (Dec '21/Jan '22)	NVBG095N065SC1 (Sep'21/Mar '22)		

Blue: in development

# 900V SiC MOSFETs –M2 Family

$R_{DS(ON)}$ (m $\Omega$ ) Typical	TO247-3	TO247-4	D2PAK-7L
			
15	NVHL020N090SC1 NTHL020N090SC1	NVH4L020N090SC1 NTH4L020N090SC1	NVBG020N090SC1 NTBG020N090SC1
60	NVHL060N090SC1 NTHL060N090SC1	NVH4L060N090SC1 NTH4L060N090SC1	NVBG060N090SC1 NTBG060N090SC1

# 1200V SiC MOSFETs – M3 Family

$R_{DS(ON)}$ (m $\Omega$ ) Typical	TO-247-3	TO-247-4	D2PAK-7
			
14		NTH4L014N120M3P	NTBG014N120M3P
22	NTHL022N120M3S	NTH4L022N120M3S NVH4L022N120M3S	NTBG022N120M3S NVBG022N120M3S
30	NTHL030N120M3S	NTH4L030N120M3S NVH4L030N120M3S	NTBG030N120M3S NVBG030N120M3S
40	NTHL040N120M3S	NTH4L040N120M3S NVH4L040N120M3S	NTBG040N120M3S NVBG040N120M3S
70	NTHL070N120M3S	NTH4L070N120M3S NVH4L070N120M3S	NTBG070N120M3S NVBG070N120M3S

Blue: in development