



500 V CoolMOS™ CE

Superjunction MOSFET					Planar MOSFET						
CoolMOS™ CE	STMicroelectronics	Alpha and Omega Semiconductor	Vishay	Fuji Electric	Toshiba	STMicroelectronics	Vishay	Huajing Rectifier	Silan	MagnaChip Semiconductor	Fairchild Semiconductor
IPAS0R950CE								CS8N50F A9R	SVF840F	MDF1N50BTH	FDPF8N50NZ
IPAS0R800CE	STF8NM50N	AOTF8T50P	SIHF8B40G SIHF8N50D	FMV08N50E			IRF8B40G	CS10N50F A9R	SVF9N50F	MDF10N50TH	FQPF9N50C
IPAS0R650CE	STF10NM50N									MDF12N50BTH	FDPF12N50T
IPAS0R500CE	STF11NM50N	AOTF12N50	SIHF18N50A	FMV12N50E FMV12N50ES		STF13NK50Z	IRF18N50A	CS13N50F A9R	SVF13N50F	MDF13N50BTH	FDPF12N50NZ
IPAS0R380CE		AOTF14N50	SIHF16N50C	FMV16N50E FMV16N50ES		STP14NK50ZFP		CS15N50F A9R	SVF18N50F	MDF16N50GTH	FDPF16N50
IPAS0R280CE	STF19NM50N		SIHF18N50D	FMV20N50E FMV21N50ES		STF20NK50Z			SVF20N50F	MDF18N50BTH	FDPF18N50
IPAS0R190CE	STF23NM50N										
IPP50R500CE	STP11NM50N		SIHP12N50C	FMP12N50E FMP12N50ES	TK12A50D	STP11NK50Z		CS13N50 A8R	SVF13N50T	MDP13N50BTH	FDP12N50NZ
IPP50R380CE	STP12NM50		SIHP12N50E	FMP16N50E FMP16N50ES	TK13A50D	STP14NK50Z		CS15N50 A8R		MDP16N50GTH	
IPP50R280CE	STP19NM50N		SIHP15N50E	FMP20N50E FMP20N50ES	TK18A50D	STP20NK50Z			SVF18N50T	MDP18N50BTH	FDP18N50
IPP50R190CE	STP23NM50N		SIHP20N50E								
IPD50R3K0CE		AOD3N50	SIHFR420		TK3P50D	STD3NK50Z	IRFR420			MDD3N50GRH	
IPD50R2K0CE											
IPD50R1K4CE		AOD6N50	SIH5N50D		TK5P50D	STD5NK50Z			SVF830D	MDD5N50RH	FDD5N50
IPD50R950CE					TK7P50D	STD6NK50Z			SVF840D		FDD6N50
IPD50R800CE	STD8NM50N	AOD9N50									FDD8N50NZ
IPD50R650CE	STD10NM50N										
IPD50R500CE	STD11NM50N										
IPD50R380CE	STD14NM50N		SIHD12N50E								
IPD50R280CE											
IPU50R3K0CE		AOU3N50	SIHFU420				IRFU420	CS3R50 A3			FQU4N50TU_WS
IPU50R2K0CE											FQU3N50C
IPU50R1K4CE			SIHU5N50D					CS830 A3RD	SVF830M	MDISSN50TH	
IPU50R950CE											
IPW50R280CE	STW19NM50N	AOK22N50	SIHG460B			STW20NK50Z	IRFP460B				
IPW50R190CE	STW23NM50N		SIHFP31N50L				IRFP31N50L				

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Superjunction MOSFET								Planar MOSFET							
CoolMOS™ CE	Fairchild Semiconductor	STMicroelectronics	STMicroelectronics	Alpha and Omega Semiconductor	Vishay	MagnaChip Semiconductor	NCE Micro- and Nanotechnology	Silikon Semiconductor	Lonten	Toshiba	STMicroelectronics	Huajing Rectifier	Silan	MagnaChip Semiconductor	Fairchild Semiconductor
IPA60R1K5CE			STF5N60M2				NCE60R1K2F			TKSA60D		CS6N60F A9TY	SVF6N60F	MDF6N60BTH	
IPA60R1K0CE		STF7NM60N	STF7N60M2	TKSA60W	AOTF4560		NCE60R900F	SSF7N60F	LSO4N60	TK9A60D		CS8N60F A9H	SVF10N60F	MDF8N60BTH	
IPA60R800CE		STF9NM60N	STF9N60M2	TK6A60W		MMF60R750PTH		SSF10N60F	TK10A60D	STP10NK60ZFP	CS10N60F A9HD	SVF11N60F	MDF10N60GTH	FDPF10N60NZ	
IPA60R650CE	FCPF600N60Z	STF10NM60N	STF10N60M2	TK7A60W	AOTF7560	MMF60R580PTH	NCE60R540F	SSF7N560F	LSO7N60	TK11A60D	STP13NK60ZFP	CS12N60F A9HD	MDF11N60TH	FDPF12N60NZ	
IPA60R460CE			STF12N60M2	TK8A60W	AOTF11S60				TK13A60D		CS20N60F A9H	SVF18N60F			
IPA60R400CE	FCPF380N60	STF13NM60N	STF13N60M2	TK10A60W		MMF60R360PTH	NCE60R360F	SSF11N560F	LSO11N60F	TK15A60D			MDF15N60GTH	FDPF17N60NT	
IPD60R3K4CE									LSO2N60						
IPD60R2K1CE							NCE60R2K2K	SSF5N60D			STD4NK60Z	CS6N60 A4TY	SVF5N60D	MDD4N60BRH	FDD5N60NZ
IPD60R1K5CE							NCE60R1K2K		LSO3N60		STD5NK60Z	CS6N60 A4D	SVF6N60D	MDD6N60GRH	FDD7N60NZ
IPD60R1K0CE	FCD900N60Z	STD7NM60N	STD7N60M2	TK5P60W	AOD4560		NCE60R900K		LSO4N60						
IPD60R800CE		STD9NM60N	STD9N60M2	TK6P60W											
IPD60R650CE	FCD600N60Z	STD10NM60N	STD10N60M2	TK7P60W	AOD7560	MMD60R580PRH	NCE60R540K	SSF7N560D	LSO7N60						
IPD60R460CE			STD12N60M2	TK8P60W											
IPD60R400CE		STD13NM60N	STD13N60M2	TK10P60W	AOD11S60	MMD60R360PRH	NCE60R360K	SSF11N560D	LSG11N60						
IPU60R3K4CE											CS3N60 A3				
IPU60R2K1CE							NCE60R2K2I	SSF5N60G		STD4NK60Z-1	CS6N60 A3TY	SVF5N60MJ			
IPU60R1K5CE			STU5N60M2				NCE60R1K2I	SSF6N60G			CS6N60 A3D	SVF6N60MJ		FDU7N60NZTU	
IPU60R1K0CE		STU7NM60N	STU7N60M2		AOU4560		NCE60R900I								
IP560R3K4CE													MDI4N60BTH		
IP560R2K1CE													MDI6N60BTH		
IP560R1K5CE															
IP560R1K0CE	FCU900N60Z			TK5Q60W	AOI4560	MMI560R900PTH									
IP560R800CE				TK6Q60W											
IP560R650CE				TK7Q60W									SVF830D	MDD5N50RH	FDD5N50
IP560R460CE				TK8Q60W									SVF840D		FDD6N50
IP560R400CE				TK10Q60W	AOI11S60										FDD8N50NZ

650 V CoolMOS™ CE

Superjunction MOSFET									Planar MOSFET					
CoolMOS™ CE	STMicroelectronics	STMicroelectronics	Toshiba	Alpha and Omega Semiconductor	Vishay	NCE Micro- and Nanotechnology	Silikon Semiconductor	Lonten	Toshiba	Alpha and Omega Semiconductor	Huajing Rectifier	Silan	MagnaChip Semiconductor	
IP65R1K5CE		STF6N65M2	TKSA65W				SSF7N65F		TKSA65D	AOTF7N65	CS7N65FB9D	SVF7N65F	MDF7N65BTH	
IP65R1K0CE		STF9N65M2	TK6A65W				SSF5N565UF		TK7A65D	AOTF10N65	CS10N65F A9R	SVF10N65F	MDF10N65BTH	
IP65R650CE		STF11N65M2	TK8A65W			NCE65R900F		LSO4N65	TK12A65D	AOTF12N65	CS12N65F A9H	SVF12N65F	MDF12N65BTH	
IP65R400CE	STF15NM65N	STF16N65M2	TK11A65W	AOTF11S65	SIHF12N65E	NCE65R360F	SSF11N565UF	LSO11N65F	TK13A65D	AOTF13N65				
IPD65R1K5CE		STD6N65M2	TK5P65W				SSF5N565UD	LSG03N65		AOD7N65	CS7N65 A4R			
IPD65R1K0CE		STD9N65M2	TK6P65W			NCE65R900K		LSG04N65						
IPD65R650CE		STD11N65M2	TK8P65W	AOD7565	SIHD6N65E	NCE70R540K		LSG07N65						
IPD65R400CE	STD11NM65N	STD16N65M2	TK11P65W			NCE65R360K		LSG11N65F						
IP565R1K5CE		STU6N65M2	TK5Q65W				SSF5N565G	LSH03N65		AOI7N65	CS7N65 A3R		MDI6N65BTH	
IP565R1K0CE		STU9N65M2	TK6Q65W			NCE65R900L		LSH04N65						
IP565R650CE		STU11N65M2	TK8Q65W	AOI7565	SIHU6N65E	NCE65R540I	SSF7N565G	LSH07N65						
IP565R400CE		STU16N65M2	TK11Q65W					LSH11N65F						

700 V CoolMOS™ CE

Superjunction MOSFET								Planar MOSFET	
CoolMOS™ CE	CoolMOS™ CE (PAK Short Lead with ISO Standoff)	MagnaChip Semiconductor	NCE Micro- and Nano-technology	Silikon Semiconductor	Lonten	SemiHow	Taiwan Semiconductor Manufacturing	Huajing Rectifier	
IPD70R2K0CE			NCE70R2K2K					CS6N70 A4D-G	
IPD70R1K4CE		MMD70R1K4PRH	NCE70R1K2K	SSF5N570D		HCD6N70S	TSM70N1R4CP		
IPD70R950CE		MMD70R900PRH	NCE70R900K		LSG04N70		TSM70N900CP		
IPD70R600CE		MMD70R600PRH	NCE70R540K		LSG07N70	HCD70R600S	TSM70N600CP		
IP570R2K0CE	IPSA70R2K0CE		NCE70R2K2I	SSF6N70G				CS6N70	
IP570R1K4CE	IPSA70R1K4CE	MMI570R1K4PTH	NCE70R1K2I	SSF5N570G		HCU6N70S	TSM70N1R4CH		
IP570R950CE	IPSA70R950CE	MMI570R900PTH	NCE70R900I	SSF7N570G			TSM70N900CH		
IP570R600CE	IPSA70R600CE		NCE70R540I				TSM70N600CH		
IP70R950CE					LSF04N70				

800 V CoolMOS™ CE

Superjunction MOSFET								Planar MOSFET			
CoolMOS™ CE	Fairchild Semiconductor	STMicroelectronics	STMicroelectronics	Toshiba	MagnaChip Semiconductor	NCE Micro- and Nanotechnology	Taiwan Semi-conductor Manufacturing	Toshiba	STMicroelectronics		
IP80R1K4CE	FCPF1300N80Z		STF6N80K5					TK10A80E	STP7NK80ZFP		
									STP8NK80ZFP		
IP80R1K0CE	FCPF850N80Z	STF7NM80	STF8N80K5		MMF80R900PTH	NCE80R900F		TK10A80E	STP10NK80ZFP		
IP80R650CE	FCPF650N80Z		STF10N80K5	TK10A80W	MMF80R650PTH						
IP80R460CE	FCPF400N80Z	STF11NM80	STF13N80K5	TK12A80W	MMF80R450PTH						
IP80R310CE	FCPF290N80	STF18NM80	STF23N80K5	TK17A80W							
IPD80R2K8CE	FCD2250N80Z		STD4N80K5								
IPD80R1K4CE	FCD1300N80Z		STD6N80K5								
IPD80R1K0CE	FCDS50N80Z	STD7NM80	STD8N80K5	TK6P80W	MMD80R900PRH	NCE80R900K	TSM80N950CP				
IPU80R2K8CE	FCU2250N80Z		STU4N80K5								
IPU80R1K4CE											
IPU80R1K0CE	FCU850N80Z		STU8N80K5	TK6Q80W		NCE80R900I	TSM80N950CH				

CoolMOS™ CE in SOT-223 package

Superjunction MOSFET												Planar MOSFET											
CoolMOS™ CE SOT-223	CoolMOS™ CE DPAK	Fairchild Semiconductor	STMicroelectronics	STMicroelectronics	Toshiba	Alpha and Omega Semiconductor	Vishay	MagnaChip Semiconductor	Fuji Electric	NCE Micro- and Nano-technology	Silikon Semiconductor	Lonten	SEMIHOW	Silan	Taiwan Semiconductor Manufacturing	Toshiba	STMicroelectronics	Vishay	Alpha and Omega Semiconductor	Huajing Rectifier	Silan	MagnaChip Semiconductor	Fairchild Semiconductor
IPN70R1K5CE	IPD70R2K0CE									NCE70R2K2K										CS6N70 A4D-G			
IPN70R1K5CE	IPD70R1K4CE							MMD70R1K4PRH		NCE70R1K2K	SSF5N570D		HCD6N70S		TSM70N1R4CP								