

Inter-national Rectifier	SAMSUNG Direct Replacement	Inter-national Rectifier	SAMSUNG Direct Replacement	Inter-national Rectifier	SAMSUNG Direct Replacement	Inter-national Rectifier	SAMSUNG Direct Replacement
IRF510	IRF510	IRF842	IRF842	IRFP241	IRFP241	IRFR222	IRFR222
IRF511	IRF511	IRF843	IRF843	IRFP242	IRFP242	IRFR210	IRFR210
IRF512	IRF512	IRF9510	IRF9510	IRFP243	IRFP243	IRFR212	IRFR212
IRF513	IRF513	IRF9511	IRF9511	IRFP250	IRFP250	IRFR120	IRFR120
IRF520	IRF520	IRF9512	IRF9512	IRFP251	IRFP251	IRFP121	IRFR121
IRF521	IRF521	IRF9513	IRF9513	IRFP252	IRFP252	IRFR110	IRFR110
IRF522	IRF522	IRF9520	IRF9520	IRFP253	IRFP253	IRFR111	IRFR111
IRF523	IRF523	IRF9521	IRF9521	IRFP330	IRFP330	IRFR020	IRFR020
IRF610	IRF610	IRF9522	IRF9522	IRFP331	IRFP331	IRFU220	IRFU220
IRF611	IRF611	IRF9523	IRF9523	IRFP332	IRFP332	IRFU222	IRFU222
IRF612	IRF612	IRF9530	IRF9530	IRFP333	IRFP333	IRFU210	IRFU212
IRF613	IRF613	IRF9531	IRF9531	IRFP340	IRFP340	IRFU212	IRFU120
IRF620	IRF620	IRF9532	IRF9532	IRFP341	IRFP341	IRFU120	IRFU210
IRF621	IRF621	IRF9533	IRF9533	IRFP342	IRFP342	IRFU121	IRFU121
IRF622	IRF622	IRF9540	IRF9540	IRFP343	IRFP343	IRFU110	IRFU110
IRF623	IRF623	IRF9541	IRF9541	IRFP350	IRFP350	IRFU111	IRFU111
IRF630	IRF630	IRF9542	IRF9542	IRFP351	IRFP351	IRFU020	IRFU020
IRF631	IRF631	IRF9543	IRF9543	IRFP352	IRFP352	IRFU022	IRFU022
IRF632	IRF632	IRF9610	IRF9610	IRFP353	IRFP353	IRFR022	IRFR022
IRF633	IRF633	IRF9611	IRF9611	IRFP430	IRFP430	IRFR010	IRFR010
IRF640	IRF640	IRF9612	IRF9612	IRFP431	IRFP431	IRFR012	IRFR012
IRF641	IRF641	IRF9613	IRF9613	IRFP432	IRFP432	IRFR9220	IRFR9220
IRF642	IRF642	IRF9620	IRF9620	IRFP433	IRFP433	IRFR9222	IRFR9222
IRF643	IRF643	IRF9621	IRF9621	IRFP440	IRFP440	IRFR9210	IRFR9210
IRF710	IRF710	IRF9622	IRF9622	IRFP441	IRFP441	IRFR9212	IRFR9212
IRF711	IRF711	IRF9623	IRF9623	IRFP442	IRFP442	IRFR9120	IRFR9121
IRF712	IRF712	IRF9630	IRF9630	IRFP443	IRFP443	IRFR9110	IRFR9110
IRF713	IRF713	IRF9631	IRF9631	IRFP450	IRFP450	IRFR9111	IRFR9111
IRF720	IRF720	IRF9632	IRF9632	IRFP451	IRFP451	IRFR9020	IRFR9020
IRF721	IRF721	IRF9633	IRF9633	IRFP452	IRFP452	IRFR9022	IRFR9022
IRF722	IRF722	IRF9640	IRF9640	IRFP453	IRFP453	IRFR9010	IRFR9010
IRF723	IRF723	IRF9641	IRF9641	IRFP9130	IRFP9130	IRFR9012	IRFR9012
IRF730	IRF730	IRF9642	IRF9642	IRFP9131	IRFP9131	IRF614	IRF614
IRF731	IRF731	IRF9643	IRF9643	IRFP9132	IRFP9132	IRF624	IRF624
IRF732	IRF732	IRFP131	IRFP131	IRFP9241	IRFP9241	IRF634	IRF634
IRF733	IRF733	IRFP132	IRFP132	IRFP9242	IRFP9242	IRF644	IRF644
IRF740	IRF740	IRFP133	IRFP133	IRFP9243	IRFP9243	IRFP254	IRFP254
IRF741	IRF741	IRFP140	IRFP140	IRFBC30	SSP4N60		
IRF742	IRF742	IRFP141	IRFP141	IRFBC40	SSP6N60		
IRF743	IRF743	IRFP142	IRFP142	IRFP9133	IRFP9133		
IRF820	IRF820	IRFP143	IRFP143	IRFP9140	IRFP9140		
IRF821	IRF821	IRFP150	IRFP150	IRFP9141	IRFP9141		
IRF822	IRF822	IRFP151	IRFP151	IRFP9142	IRFP9142		
IRF823	IRF823	IRFP152	IRFP152	IRFP9143	IRFP9143		
IRF830	IRF830	IRFP153	IRFP153	IRFP9230	IRFP9230		
IRF831	IRF831	IRFP230	IRFP230	IRFP9231	IRFP9231		
IRF832	IRF832	IRFP231	IRFP231	IRFP9232	IRFP9232		
IRF833	IRF833	IRFP232	IRFP232	IRFP9233	IRFP9233		
IRF840	IRF840	IRFP233	IRFP233	IRFP9240	IRFP9240		
IRF841	IRF841	IRFP240	IRFP240	IRFR220	IRFR220		

HITACHI	SAMSUNG Direct Replacement	HITACHI	SAMSUNG Direct Replacement	HITACHI	SAMSUNG Direct Replacement	HITACHI	SAMSUNG Direct Replacement
2SK261	IRF512	2SK382	IRF822	2SK559	IRFP451	2SJ114	IRFP9242
2SK262	IRF613	2SK383	IRF530	2SK560	IRFP450	2SJ117	IRF9612
2SK263	IRF613	2SK399	IRFP142	2SK622	IRFP251	2SJ118	IRFP9241
2SK294	IRF522	2SK400	IRFP242	2SK623	IRFP441	2SJ119	IRFP9240
2SK295	IRF522	2SK402	IRFP342	2SK642	IRFP442	2SJ85	IRF9512
2SK296	IRF612	2SK403	IRFP443	2SK682	IRFP453	2SJ86	IRF9611
2SK309	IRF722	2SK408	IRF612	2SK683	IRFP452	2SJ87	IRF9613
2SK310	IRF710	2SK409	IRF612	2SJ101	IRF9533	2SJ88	IRF9610
2SK311	IRF823	2SK412	IRFP353	2SJ102	IRF9533		
2SK319	IRF720	2SK413	IRFP243	2SJ113	IRFP9142		
2SK320	IRF833	2SK414	IRFP242				
2SK345	IRF523	2SK428	IRF543				
2SK346	IRF523	2SK440	IRF630				
2SK349	IRFP342	2SK556	IRFP453				
2SK350	IRFP441	2SK557	IRFP453				

MATSUSHITA	SAMSUNG Direct Replacement	MATSUSHITA	SAMSUNG Direct Replacement	MATSUSHITA	SAMSUNG Direct Replacement	MATSUSHITA	SAMSUNG Direct Replacement
2SK500	IRFP141	2SK627	IRFP151	2SK633A	IRFP252		
2SK501	IRFP342	2SK627A	IRFP151	2SK634	IRFP352		
2SK501A	IRFP441	2SK629	IRFP150	2SK634A	IRFP451		
2SK610	IRFP342	2SK629A	IRFP251	2SK636	IRFP440		
2SK626	IRFP151	2SK633	IRFP252	2SK637	IRFP452		

MOTOROLA	SAMSUNG Direct Replacement	MOTOROLA	SAMSUNG Direct Replacement	MOTOROLA	SAMSUNG Direct Replacement	MOTOROLA	SAMSUNG Direct Replacement
MTH6N55	SSH6N55	MTP10N08	IRF532	MTP2N50	IRF822	MTP5N40	IRF730
MTH6N60	SSH6N60	MTP10N10	IRF532	MTP3N12	IRF623	MTP7N12	IRF633
MTH8N55	SSH8N55	MTP10N12	IRF643	MTP3N15	IRF623	MTP7N15	IRF633
MTH8N60	SSH8N60	MTP10N25	IRF743	MTP3N18	IRF622	MTP7N18	IRF632
MTH7N35	IRFP343	MTP12N05	IRF533	MTP3N20	IRF620	MTP7N20	IRF632
MTH7N40	IRFP342	MTP1N45	IRF823	MTP3N35	IRF721	MTP15N15	IRF643
MTH8N35	IRFP343	MTP1N50	IRF822	MTP3N40	IRF720	MTP20N08	IRF542
MTH8N40	IRFP342	MTP2N18	IRF612	MTP3N55	SSP4N55	MTP20N20	IRF542
MTH15N18	IRFP242	MTP2N20	IRF612	MTP3N60	SSP4N60	MTP20N05	IRF541
MTH15N20	IRFP242	MTP2N25	IRF723	MTP4N08	IRF510	MTP25N06	IRF541
MTH20N12	IRFP253	MTP12N06	IRF533	MTP4N10	IRF510	MTD10N05A	IRFR020
MTH20N15	IRFP253	MTP12N08	IRF532	MTP4N12	IRF623	MTD4P05	IRFR9020
MTH25N08	IRFP140	MTP12N10	IRF532	MTP4N15	IRF623	MTD5N05A	IRFR010
MTH25N10	IRFP140	MTP12N18	IRF642	MTP4N45	IRF833	MTH6N60	SSH6N60
MTH35N05	IRFP151	MTP12N20	IRF642	MTP4N50	IRF832	MTP10N05	IRFZ10
MTH35N06	IRFP151	MTP15N05	IRF543	MTP4N45	IRF833	MTP16N05A	IRFZ42
MTP8N08	IRF520	MTP15N06	IRF543	MTP5N05	IRF523	MTP6N60	SSP6N60
MTP8N10	IRF520	MTP2N35	IRF723	MTP5N18	IRF620		
MTP8N12	IRF633	MTP2N40	IRF722	MTP5N20	IRF620		
MTP8N15	IRF633	MTP2N45	IRF823	MTP5N35	IRF731		
MTP8N18	IRF632						
MTP8P08	IRF9532						
MTP8P10	IRF9532						
MTP10N05	IRF533						
MTP10N06	IRF533						

RCA	SAMSUNG Direct Replacement	RCA	SAMSUNG Direct Replacement	RCA	SAMSUNG Direct Replacement	RCA	SAMSUNG Direct Replacement
RCA9212A	IRF520	RFP3N45	IRF821	RFP7N45	IRF831	RFP12N10	IRF530
RCA9212B	IRF643	RFP3N50	IRF820	RFP7N50	IRF830	RFP12N20	IRF642
RCA9213A	IRF512	RFP4N05	IRF513	RFP8N18	IRF630	RFP15N05	IRF543
RCA9213B	IRF613	RFP4N06	IRF513	RFP8N20	IRF630	RFP15N06	IRF543
RCA9230A	IRF542	RFP4N35	IRF721	RFP8N08	IRF9532	RFP15N12	IRF643
RFP1N35	IRF713	RFP4N40	IRF720	RFP8N10	IRF9532	RFP18N10	IRF542
RFP1N40	IRF712	RFP5P12	IRF9631	RFP10N12	IRF643	RFP25N05	IRF541
RFP2N08	IRF512	RFP5P15	IRF9631	RFP10N15	IRF643		
RFP2N10	IRF512	RFP6P08	IRF9520	RFP10P12	IRF9532		
RFP2N12	IRF611	RFP6P10	IRF9520	RFP12N08	IRF530		
RFP2N15	IRF611						
RFP2N18	IRF612						
RFP2N20	IRF612						
RFP2P08	IRF9512						
RFP2P10	IRF9512						

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SGS	SAMSUNG Direct Replacement	SGS	SAMSUNG Direct Replacement	SGS	SAMSUNG Direct Replacement	SGS	SAMSUNG Direct Replacement
SEFH15N18	IRFP240	SEFH35N06	IRFP151	SGSP464	IRFP443	SGSP474	IRFP440
SEFH15N20	IRFP241	SEFH7N45	IRFP441	SGSP465	IRFP342	SGSP475	IRFP340
SEFH25N08	IRFP140	SEFH7N50	IRFP440	SGSP466	IRFP343	SGSP476	IRFP341
SEFH25N10	IRFP140	SGSP421	IRFP143	SGSP467	IRFP242	SGSP477	IRFP240
SEFH35N05	IRFP151	SGSP422	IRFP143	SGSP469	IRFP442	SGSP479	IRFP440
SEFH35N06	IRFP151	SGSP461	IRFP142	SGSP471	IRFP140	SGSP481	IRFP151
SEFH7N45	IRFP441	SGSP462	IRFP142	SGSP472	IRFP150	SGSP482	IRFP151
SEFH7N50	IRFP440	SGSP463	IRFP342	SGSP473	IRFP351	SGSP491	IRFP151
						SGSP492	IRFP151

SIEMENS	SAMSUNG REPLACEMENT	SIEMENS	SAMSUNG REPLACEMENT	SIEMENS	SAMSUNG REPLACEMENT
BUZ10	IRFZ32	BUZ347	IRFP151	BUZ42B	IRF820
BUZ10A	IRF543	BUZ348	IRFP151	BUZ42C	IRF821
BUZ10B	IRF521	BUZ349	IRFP150	BUZ43	IRF422
BUZ11	IRFZ42	BUZ350	IRFP252	BUZ382	IRFP352
BUZ11A	IRFZ30	BUZ351	IRFP352	BUZ60	IRF730
BUZ20	IRF530	BUZ353	IRFP452	BUZ60A	IRF731
BUZ20A	IRF532	BUZ350	IRFP252	BUZ60B	IRF732
BUZ20B	IRF520	BUZ351	IRFP352	BUZ60C	IRF721
BUZ21	IRF542	BUZ353	IRFP452	BUZ60D	IRF720
BUZ30	IRF620	BUZ354	IRFP440	BUZ71	IRF541
BUZ31	IRF642	BUZ385	IRFP440	BUZ71A	IRFZ22
BUZ32	IRF630	BUZ40	IRF822	BUZ72A	IRF532
BUZ32A	IRF631	BUZ41	IRF842	BUZ73A	IRF632
BUZ32B	IRF632	BUZ41A	IRF830	BUZ74	IRF820
BUZ32C	IRF633	BUZ41B	IRF831	BUZ74A	IRF822
BUZ326	IRFP340	BUZ42	IRF832	BUZ76	IRF720
BUZ230	IRFP440	BUZ42A	IRF833		

# POWER MOSFETs

# CROSS REFERENCE GUIDE

Siliconix	SAMSUNG Direct Replacement	Siliconix	SAMSUNG Direct Replacement	Siliconix	SAMSUNG Direct Replacement	Siliconix	SAMSUNG Direct Replacement
VN40AD	IRF513	VN1000D	IRF530	VN1200D	IRF641	VP1109N5	IRF9512
VN46AD	IRF513	VN1001D	IRF532	VN1201D	IRF643	VP1110N5	IRF9512
VN66AD	IRF513	VN1102N5	IRF523	VN2406D	IRF713	VP1114N1	IRF9233
VN67AD	IRF513	VN1103N5	IRF523	VN3500D	IRF731	VP1114N5	IRF9611
VN88AD	IRF512	VN1104N5	IRF523	VN3501D	IRF733	VP1115N5	IRF9611
VN89AD	IRF512	VN1106N5	IRF523	VN4000D	IRF730	VP1116N5	IRF9612
VN0102N5	IRF513	VN1109N5	IRF522	VN4001D	IRF732	VP1120N5	IRF9612
VN0103N5	IRF513	VN1110N5	IRF522	VN4501D	IRF831	VP1202N5	IRF9533
VN0104N5	IRF513	VN1114N5	IRF611	VN4502D	IRF833	VP1203N5	IRF9533
VN0106N5	IRF513	VN0600D	IRF543	VN5001D	IRF830	VP1204N5	IRF9523
VN0108N5	IRF512	VN0601D	IRF543	VN5002D	IRF732	VP1206N5	IRF9523
VN0300D	IRF513	VN0800D	IRF530	VNS008D	SSP6N60	VPO216N5	IRF9612
VN0330N5	IRF723	VN1202N5	IRF533	VNS009D	SSP5N60	VPO220N5	IRF9612
VN0335N5	IRF723	VN1203N5	IRF533	VP0102N5	IRF9513	VPO335N5	IRF9612
VN0340N5	IRF722	VN1204N5	IRF523	VP0103N5	IRF9513	VPO340N5	IRF9612
VN0345N5	IRF821	VN1206D	IRF613	VP0104N5	IRF9513	VPO345N5	IRF9612
VN0400D	IRF543	VN1206N5	IRF523	VP0106N5	IRF9513	VP1102N5	IRF9523
VN0401D	IRF543	VN1208N5	IRF522	VP0108N5	IRF9512	VP1103N5	IRF9523
VN0109N5	IRF512	VN1209N5	IRF522	VP0109N5	IRF9512	VP1104N5	IRF9513
VN0110N5	IRF512	VN1210N5	IRF522	VP0110N5	IRF9512	VP1106N5	IRF9513
VN0114N5	IRF613	VN1215N5	IRF633	VP0114N5	IRF9613	VP1208N5	IRF9522
VN0116N5	IRF612	VN1216N5	IRF610	VP0202N5	IRF9513	VP1210N5	IRF9522
VN0120N5	IRF612	VN1220N5	IRF610	VP0203N5	IRF9513	VP1215N5	IRF9621
VN0202N5	IRF513	VN1706D	IRF612	VP0204N5	IRF9513	VP1216N5	IRF9610
VN0203N5	IRF513	VN2306N5	IRF541	VP0206N5	IRF9513	VP1220N5	IRF9610
VN0204N5	IRF513	VN2310N5	IRF540	VP0208N5	IRF9512	ZNV0102L	IRF513
VN0206N5	IRF513	VN2315N5	IRF641	VP0209N5	IRF9512	ZNV0106L	IRF513
VN0208N5	IRF512	VN2320N5	IRF642	VP0210N5	IRF9512	ZNV0108L	IRF512
VN0209N5	IRF512	VN2330N5	IRF741	VP0214N5	IRF9613		
VN0201N5	IRF512	VN2335N5	IRF741	VP0215N5	IRF9613		
VN0214N5	IRF613	VN2340N5	IRF740				
VN0215N5	IRF613	VN2350N5	IRF842				
VN0216N5	IRF612	VN1115N5	IRF611				
VN0220N5	IRF612	VN1116N5	IRF612				
VN0810D	IRF532	VN1120N5	IRF612				

TOSHIBA	SAMSUNG Direct Replacement	TOSHIBA	SAMSUNG Direct Replacement	TOSHIBA	SAMSUNG Direct Replacement	TOSHIBA	SAMSUNG Direct Replacement
2SK385	IRFP340	2SK405	IRFP242	2SK643	IRFP441	2SK694	IRFP452
2SK386	IRFP453	2SK447	IRFP351	2SK675	IRFP151	2SJ115	IRFP9242
2SK387	IRFP241	2SK572	IRFP241	2SK678	IRFP450		
2SK388	IRFP351	2SK573	IRFP351	2SK693	IRFP451		