

Recommended Part Lists

as of 22nd of May

Mosfets	IPS	IGBT	IRAM	ACDC ICs	DCDC Controllers	HVICs	Automotive	All new products	Reference Designs
Standard Mosfets-Recommended Direct Fets	IPS	IGBTs	IRAMs	ACDC ICs	DCDC controllers	Audio HVICs Lighting ICS Motion 3 Phase Drivers General Purpose Drivers	Automotive HVICs Automotive Mosfets	All new	Reference Designs
Standard Mosfets-NPI									

Purpose of the lists: This list summarizes the latest IR products per technology. It is independent from highrunner lists etc. all changes are marked in green

PartNr	Product Line	
AUIRS2003S	HVICs-AUTOMOTIVE	
AUIRS4427S	HVICs-AUTOMOTIVE	
IR1168SPBF	ACDC	
IRAM109-015SD	IRAM	
IRAM136-0760A	IRAM	
IRAM136-1060A	IRAM	
IRAM136-1060B	IRAM	
IRAM136-3023B	IRAM	
IRAM136-3063B	IRAM	
IRAM336-025SB	IRAM	
IRF7904PBF	STANDARD MOSFETS	
IRF7905PBF	STANDARD MOSFETS	
IRF7907PBF	STANDARD MOSFETS	
IRFH7911TR2PBF	STANDARD MOSFETS	
IRFS4020PBF	STANDARD MOSFETS	
IRLB8721PBF	STANDARD MOSFETS	
IRLB8743PBF	STANDARD MOSFETS	
IRLB8748PBF	STANDARD MOSFETS	
IRLP3034PBF	STANDARD MOSFETS	
IRS2093MPBF	AUDIO	

PartNr	Details	Comment
IRF1018EPBF	60V, 79A, 8.4 mOhm, 46 nC Qg, TO-220AB	
IRF1018ESPBF	60V, 77A, 8.4 mOhm, 51 nC Qg, D2-Pak	
IRF1324PBF	24V, 353A, 1.5 mOhm, 160 nC Qg, TO-220AB	
IRF1324S-7PPBF	24V, 429A, 1 mOhm, 180 nC Qg, D2-Pak 7-pin	
IRF1324SPBF	24V, 340A, 1.65 mOhm, 160 nC Qg, D2-Pak	
IRF1404ZPBF	40V, 190A, 3.7 mOhm, 100 nC Qg, TO-220AB	
IRF1404ZSPBF	40V, 190A, 3.7 mOhm, 100 nC Qg, D2-Pak	
IRF2804PBF	40V, 270A, 2.3 mOhm, 160 nC Qg, TO-220AB	
IRF2804S-7PPBF	40V, 320A, 1.6 mOhm, 170 nC Qg, D2-Pak 7-pin	
IRF2804SPBF	40V, 270A, 2.0 mOhm, 160 nC Qg, D2-Pak	
IRF2903ZPBF	30V, 260A, 2.4 mOhm, 160 nC Qg, TO-220AB	
IRF2903ZSPBF	30V, 260A, 2.4 mOhm, 160 nC Qg, D2-Pak	
IRF3205ZPBF	55V, 110A, 6.5 mOhm, 76 nC Qg, TO-220AB	
IRF3205ZSPBF	55V, 110A, 6.5 mOhm, 76 nC Qg, D2-Pak	
IRF3704ZPBF	20V, 67A, 7.9 mOhm, 8.7 nC Qg, TO-220AB	
IRF3704ZSPBF	20V, 67A, 7.9 mOhm, 8.7 nC Qg, D2-Pak	
IRF3707ZSPBF	30V, 59A, 9.5 mOhm, 9.7 nC Qg, D2-Pak	
IRF3709ZPBF	30V, 87A, 6.3 mOhm, 17 nC Qg, TO-220AB	
IRF3709ZSPBF	30V, 87A, 6.3 mOhm, 17 nC Qg, D2-Pak	
IRF3710ZPBF	100V, 59A, 18 mOhm, 82 nC Qg, TO-220AB	
IRF3710ZSPBF	100V, 59A, 18 mOhm, 82 nC Qg, D2-Pak	
IRF3711ZPBF	20V, 92A, 6 mOhm, 16 nC Qg, TO-220AB	
IRF3711ZSPBF	20V, 92A, 6 mOhm, 16 nC Qg, D2-Pak	
IRF3717PBF	20V, 20A, 4.4 mOhm, 22 nC Qg, SO-8	
IRF4104PBF	40V, 120A, 5.5 mOhm, 68 nC Qg, TO-220AB	
IRF4104SPBF	40V, 120A, 5.5 mOhm, 68 nC Qg, D2-Pak	
IRF540ZPBF	100V, 36A, 26.5 mOhm, 42 nC Qg, TO-220AB	
IRF540ZSPBF	100V, 36A, 26.5 mOhm, 42 nC Qg, D2-Pak	
IRF7492PBF	200V, 3.7A, 79 mOhm, 39 nC Qg, SO-8	
IRF7493PBF	80V, 9.2A, 15 mOhm, 31 nC Qg, SO-8	
IRF7494PBF	150V, 5.2A, 44 mOhm, 36 nC Qg, SO-8	
IRF7495PBF	100V, 7.3A, 22 mOhm, 34 nC Qg, SO-8	
IRF7842PBF	40V, 18A, 5 mOhm, 33 nC Qg, SO-8	
IRF7853PBF	100V, 8.3A, 18 mOhm, 28 nC Qg, SO-8	
IRF7854PBF	80V, 10A, 13.4 mOhm, 27 nC Qg, SO-8	
IRF7855PBF	60V, 12A, 9.4 mOhm, 26 nC Qg, SO-8	
IRF7862PBF	30V, 21A, 3.7 mOhm, 30 nC Qg, SO-8	
IRF7904PBF	DUAL N-CHANNEL, 30V, 7.6A, SO-8	
IRF7905PBF	DUAL N-CHANNEL, 30V, 8.9A, SO-8	
IRF7907PBF	DUAL N-CHANNEL, 30V, 9.1A, SO-8	
IRF8252PBF	25V, 25A, 2.7 mOhm, 35 nC Qg, SO-8	
IRF8313PBF	DUAL N-CHANNEL, 30V, 9.7A, SO-8	
IRF8513PBF	DUAL N-CHANNEL, 30V, 8.0A, SO-8	
IRF8707PBF	30V, 11A, 11.9 mOhm, 6.2 nC Qg, SO-8	
IRF8714PBF	30V, 14A, 8.7 mOhm, 8.1 nC Qg, SO-8	
IRF8721PBF	30V, 14A, 8.5 mOhm, 8.3 nC Qg, SO-8	
IRF8734PBF	30V, 21A, 3.5 mOhm, 20 nC Qg, SO-8	
IRF8736PBF	30V, 18A, 4.8 mOhm, 17 nC Qg, SO-8	
IRF8788PBF	30V, 24A, 2.8 mOhm, 44 nC Qg, SO-8	
IRFB3004PBF	40V, 340A, 1.75 mOhm, 160 nC Qg, TO-220AB	
IRFB3006PBF	60V, 270A, 2.5 mOhm, 200 nC Qg, TO-220AB	

IRFP4568PBF	150V, 171A, 5.9 mOhm, 151 nC Qg, TO-247AC
IRFP4668PBF	200V, 130A, 9.7 mOhm, 161 nC Qg, TO-247AC
IRFP4668PBF	Class D Audio
IRFP4768PBF	250V, 93A, 17.5 mOhm, 180 nC Qg, TO-247AC
IRFP4768PBF	Class D Audio
IRFR1018EPBF	60V, 77A, 8.4 mOhm, 46 nC Qg, D-Pak
IRFR120ZPBF	100V, 8.7A, 190 mOhm, 6.9 nC Qg, D-Pak
IRFR2307ZPBF	75V, 53A, 16 mOhm, 50 nC Qg, D-Pak
IRFR2607ZPBF	75V, 45A, 22 mOhm, 34 nC Qg, D-Pak
IRFR3504ZPBF	40V, 77A, 9 mOhm, 30 nC Qg, D-Pak
IRFR3607PBF	75V, 80A, 9.0 mOhm, 51 nC Qg, D-Pak
IRFR3704ZPBF	20V, 60A, 8.4 mOhm, 9.3 nC Qg, D-Pak
IRFR3710ZPBF	100V, 56A, 18 mOhm, 69 nC Qg, D-Pak
IRFR3711ZPBF	20V, 93A, 5.7 mOhm, 18 nC Qg, D-Pak
IRFR3806PBF	60V, 42A, 15.8 mOhm, 22 nC Qg, D-Pak
IRFR4104PBF	40V, 119A, 5.5 mOhm, 59 nC Qg, D-Pak
IRFR4105ZPBF	55V, 30A, 24.5 mOhm, 18 nC Qg, D-Pak
IRFR4615PBF	150V, 33A, 42 mOhm, 26 nC Qg, D-Pak
IRFR4620PBF	200V, 24A, 78 mOhm, 25 nC Qg, D-Pak
IRFR48ZPBF	55V, 62A, 11 mOhm, 40 nC Qg, D-Pak
IRFR540ZPBF	100V, 35A, 28.5 mOhm, 39 nC Qg, D-Pak
IRFS3004-7PPBF	40V, 400A, 1.25 mOhm, 160 nC Qg, D2-Pak 7-pin
IRFS3004PBF	40V, 340A, 1.75 mOhm, 160 nC Qg, D2-Pak 7-pin
IRFS3006-7PPBF	60V, 293A, 2.1 mOhm, 200 nC Qg, D2-Pak 7-pin
IRFS3006PBF	60V, 270A, 2.5 mOhm, 200 nC Qg, D2-Pak
IRFS3107-7PPBF	75V, 260A, 2.6 mOhm, 160 nC Qg, D2-Pak 7-pin
IRFS3107PBF	75V, 230A, 3.0 mOhm, 160 nC Qg, D2-Pak
IRFS3206PBF	60V, 210A, 3 mOhm, 120 nC Qg, D2-Pak
IRFS3207ZPBF	75V, 170A, 4.1 mOhm, 120 nC Qg, D2-Pak
IRFS3306PBF	60V, 160A, 4.2 mOhm, 85 nC Qg, D2-Pak
IRFS3307ZPBF	75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3607PBF	75V, 80A, 9.0 mOhm, 51 nC Qg, D2-Pak
IRFS3806PBF	60V, 42A, 15.8 mOhm, 22 nC Qg, D2-Pak
IRFS4010-7PPBF	100V, 190A, 4.0 mOhm, 150 nC Qg, D2-Pak 7-pin
IRFS4010PBF	100V, 180A, 4.7 mOhm, 143 nC Qg, D2-Pak
IRFS4020PBF	200V, 18A, 100 mOhm, 18 nC Qg, D2-Pak
IRFS4115-7PPBF	150V, 105A, 11.8 mOhm, 78 nC Qg, D2-Pak 7-pin
IRFS4115PBF	150V, 99A, 12.1 mOhm, 77 nC Qg, D2-Pak
IRFS4127PBF	200V, 76A, 21 mOhm, 110 nC, D2-Pak
IRFS4227PBF	200V, 62A, 26 mOhm, 70 nC Qg, D2-Pak
IRFS4229PBF	250V, 45A, 48 mOhm, 72 nC Qg, D2-Pak
IRFS4310ZPBF	100V, 127A, 6 mOhm, 120 nC Qg, D2-Pak
IRFS4321PBF	150V, 83A, 15 mOhm, 71 nC Qg, D2-Pak
IRFS4410ZPBF	100V, 97A, 9 mOhm, 83 nC Qg, D2-Pak
IRFS4610PBF	100V, 73A, 14 mOhm, 90 nC Qg, D2-Pak
IRFS4615PBF	150V, 33A, 42 mOhm, 26 nC Qg, D2-Pak
IRFS4620PBF	200V, 24A, 77.5 mOhm, 25 nC Qg, D2-Pak
IRFU1018EPBF	60V, 77A, 8.4 mOhm, 51 nC Qg, I-Pak
IRFU120ZPBF	100V, 8.7A, 190 mOhm, 6.9 nC Qg, I-Pak
IRFU2307ZPBF	75V, 53A, 16 mOhm, 50 nC Qg, I-Pak
IRFU2607ZPBF	75V, 45A, 22 mOhm, 34 nC Qg, I-Pak

IRFU3504ZPBF	40V, 77A, 9 mOhm, 30 nC Qg, I-Pak
IRFU3607PBF	75V, 80A, 9.0 mOhm, 51 nC Qg, I-Pak
IRFU3704ZPBF	20V, 60A, 8.4 mOhm, 9.3 nC Qg, I-Pak
IRFU3710ZPBF	100V, 56A, 18 mOhm, 69 nC Qg, I-Pak
IRFU3711ZPBF	20V, 93A, 5.7 mOhm, 18 nC Qg, I-Pak
IRFU3806PBF	60V, 42A, 15.8 mOhm, 22 nC Qg, I-Pak
IRFU4104PBF	40V, 119A, 5.5 mOhm, 59 nC Qg, I-Pak
IRFU4105ZPBF	55V, 30A, 24.5 mOhm, 18 nC Qg, I-Pak
IRFU4615PBF	150V, 33A, 42 mOhm, 26 nC Qg, I-Pak
IRFU4620PBF	200V, 24A, 78 mOhm, 25 nC Qg, I-Pak
IRFU48ZPBF	55V, 62A, 11 mOhm, 40 nC Qg, I-Pak
IRFZ44ZPBF	55V, 51A, 13.9 mOhm, 29 nC Qg, TO-220AB
IRFZ44ZSPBF	55V, 51A, 13.9 mOhm, 29 nC Qg, D2-Pak
IRFZ48ZPBF	55V, 61A, 11 mOhm, 43 nC Qg, TO-220AB
IRFZ48ZSPBF	55V, 61A, 11 mOhm, 43 nC Qg, D2-Pak
IRL1104PBF	40V, 104A, 8 mOhm, 45.3 nC Qg, Logic Level, TO-220AB
IRL1104SPBF	40V, 104A, 8 mOhm, 45.3 nC Qg, Logic Level, D2-Pak
IRL1404ZPBF	40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, TO-220AB
IRL1404ZSPBF	40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL2910PBF	100V, 48A, 260 mOhm, 93.3 nC Qg, Logic Level, TO-220AB
IRL2910SPBF	100V, 55A, 26 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL3705ZPBF	55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, TO-220AB
IRL3705ZSPBF	55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL3714ZPBF	20V, 36A, 16 mOhm, 4.8 nC Qg, TO-220AB
IRL3714ZSPBF	20V, 36A, 16 mOhm, 4.8 nC Qg, D2-Pak
IRL3715ZPBF	20V, 50A, 11 mOhm, 7 nC Qg, TO-220AB
IRL3715ZSPBF	20V, 50A, 11 mOhm, 7 nC Qg, D2-Pak
IRL520NPBF	100V, 10A, 180 mOhm, 13.3 nC Qg, Logic Level, TO-220AB
IRL520NSPBF	100V, 10A, 180 mOhm, 13.3 nC Qg, Logic Level, D2-Pak
IRL530NPBF	100V, 17A, 100 mOhm, 22.7 nC Qg, Logic Level, TO-220AB
IRL530NSPBF	100V, 17A, 100 mOhm, 22.7 nC Qg, Logic Level, D2-Pak
IRL540NPBF	100V, 36A, 44 mOhm, 49.3 nC Qg, Logic Level, TO-220AB
IRL540NSPBF	100V, 36A, 44 mOhm, 49.3 nC Qg, Logic Level, D2-Pak
IRL7833SPBF	30V, 150A, 3.8 mOhm, 32 nC Qg, D2-Pak
IRL8113PBF	30V, 105A, 6 mOhm, 23 nC Qg, TO-220AB
IRL8113SPBF	30V, 105A, 6 mOhm, 23 nC Qg, D2-Pak
IRLB3034PBF	40V, 343A, 1.7 mOhm, 108 nC Qg, Logic Level, TO-220AB
IRLB3036PBF	60V, 370A, 2.4 mOhm, 91 nC Qg, Logic Level, TO220
IRLB4030PBF	100V, 180A, 4.3 mOhm, 87 nC Qg, Logic Level, TO-220
IRLB8721PBF	30V, 50A, 9 mOhm, 8 nC Qg, TO-220AB
IRLB8743PBF	30V, 150A, 3.2 mOhm, 36 nC Qg, TO-220AB
IRLB8748PBF	30V, 78A, 4.8 mOhm, 15 nC Qg, TO-220AB
IRLP3034PBF	40V, 327A, 1.7 mOhm, 108 nC Qg, Logic Level, TO-247AC
IRLR024ZPBF	55V, 16A, 58 mOhm, 6.6 nC Qg, Logic Level, D-Pak
IRLR120NPBF	100V, 11A, 185 mOhm, 13.3 nC Qg, Logic Level, D-Pak
IRLR2905ZPBF	55V, 60A, 13.5 mOhm, 23 nC Qg, Logic Level, D-Pak
IRLR3110ZPBF	100V, 63A, 14 mOhm, 34 nC Qg, Logic Level, D-Pak
IRLR3114ZPBF	40V, 130A, 4.9 mOhm, 40 nC Qg, Logic Level, D-Pak
IRLR3410PBF	100V, 15A, 105 mOhm, 22.7 nC Qg, Logic Level, D-Pak
IRLR3636PBF	60V, 99A, 6.8 mOhm, 33 nC Qg, Logic Level, D-Pak
IRLR3705ZPBF	55V, 89A, 8 mOhm, 44 nC Qg, Logic Level, D-Pak
IRLR3714ZPBF	20V, 37A, 15 mOhm, 4.7 nC Qg, D-Pak

IRLR3715ZPBF	20V, 49A, 11 mOhm, 7.2 nC Qg, D-Pak	
IRLR3717PBF	20V, 120A, 4.2 mOhm, 21 nC Qg, D-Pak	
IRLR7807ZPBF	30V, 43A, 13.8 mOhm, 7 nC Qg, D-Pak	
IRLR8113PBF	30V, 94A, 6 mOhm, 22 nC Qg, D-Pak	
IRLR8256PBF	25V, 81A, 5.7 mOhm, 10 nC Qg, D-PAK	
IRLR8259PBF	25V, 57A, 8.7 mOhm, 6.8 nC Qg, D-PAK	
IRLR8721PBF	30V, 65A, 8.4 mOhm, 8.5 nC Qg, D-Pak	
IRLR8726PBF	30V, 85A, 6.0 mOhm, 18 nC Qg, D-PAK	
IRLR8729PBF	30V, 71A, 8.6 mOhm, 10 nC Qg, D-PAK	
IRLR8743PBF	30V, 160A, 3.1 mOhm, 39 nC Qg, D-Pak	
IRLS3034-7PPBF	40V, 347A, 1.24 mOhm, 130 nC Qg, Logic Level, D2-Pak 7-pin	
IRLS3034PBF	40V, 291A, 1.62 mOhm, 130 nC Qg, Logic Level, D2-Pak	
IRLS3036-7PPBF	60V, 300A, 1.9 mOhm, 110 nC Qg, Logic Level, D2-Pak-7	
IRLS3036PBF	60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-PAK	
IRLS4030-7PPBF	100V, 190A, 3.9 mOhm, 93 nC Qg, Logic Level, D2-PAK-7	
IRLS4030PBF	100V, 180A, 4.3 mOhm, 87 nC Qg, Logic Level, D2-PAK	
IRLU3714ZPBF	20V, 37A, 15 mOhm, 4.7 nC Qg, I-Pak	
IRLU3715ZPBF	20V, 49A, 11 mOhm, 7.2 nC Qg, I-Pak	
IRLU3717PBF	20V, 120A, 4.2 mOhm, 21 nC Qg, I-Pak	
IRLU7807ZPBF	30V, 43A, 13.8 mOhm, 7 nC Qg, I-Pak	
IRLU8113PBF	30V, 94A, 6 mOhm, 22 nC Qg, I-Pak	
IRLU8256PBF	25V, 81A, 5.7 mOhm, 10 nC Qg, I-pak	
IRLU8259PBF	25V, 57A, 8.7 mOhm, 6.8 nC Qg, I-pak	
IRLU8721PBF	30V, 65A, 8.4 mOhm, 8.5 nC Qg, I-Pak	
IRLU8726PBF	30V, 85A, 6.0 mOhm, 18 nC Qg, I-Pak	
IRLU8729PBF	30V, 71A, 8.6 mOhm, 10 nC Qg, I-Pak	
IRLU8743PBF	30V, 160A, 3.1 mOhm, 39 nC Qg, I-Pak	
IRLZ24NPBF	55V, 18A, 60 mOhm, 10 nC Qg, Logic Level, TO-220AB	
IRLZ24NSPBF	55V, 18A, 60 mOhm, 10 nC Qg, Logic Level, D2-Pak	
IRLZ44ZPBF	55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, TO-220AB	
IRLZ44ZSPBF	55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak	

Part	Family	Package	Circuit
IPS1011PBF	Intelligent Power Switch	TO-220AB	Low Side Driver
IPS1011RPBF	Intelligent Power Switch	D-Pak	Low Side Driver
IPS1011SPBF	Intelligent Power Switch	D2-Pak	Low Side Driver
IPS1021PBF	Intelligent Power Switch	TO-220AB	Low Side Driver
IPS1021RPBF	Intelligent Power Switch	D-Pak	Low Side Driver
IPS1021SPBF	Intelligent Power Switch	D2-Pak	Low Side Driver
IPS1031PBF	Intelligent Power Switch	TO-220AB	Low Side Driver
IPS1031RPBF	Intelligent Power Switch	D-Pak	Low Side Driver
IPS1031SPBF	Intelligent Power Switch	D2-Pak	Low Side Driver
IPS1041LPBF	Intelligent Power Switch	SOT-223	Low Side Driver
IPS1041RPBF	Intelligent Power Switch	D-Pak	Low Side Driver
IPS1042GPBF	Intelligent Power Switch	SO-8	Low Side Driver
IPS1051LPBF	Intelligent Power Switch	SOT-223	Low Side Driver
IPS1052GPBF	Intelligent Power Switch	SO-8	Low Side Driver
IPS2041LPBF	Intelligent Power Switch	SOT-223	Low Side Driver
IPS2041RPBF	Intelligent Power Switch	D-Pak	Low Side Driver
IPS6011PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IPS6011RPBF	Intelligent Power Switch	D-Pak 5-Lead	High Side Driver
IPS6011SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IPS6021PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IPS6021RPBF	Intelligent Power Switch	D-Pak 5-Lead	High Side Driver
IPS6021SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IPS6031PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IPS6031RPBF	Intelligent Power Switch	D-Pak 5-Lead	High Side Driver
IPS6031SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IPS6041GPBF	Intelligent Power Switch	SO-8	High Side Driver
IPS6041PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IPS6041RPBF	Intelligent Power Switch	D-Pak 5-Lead	High Side Driver
IPS6041SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IPS7071GPBF	Intelligent Power Switch	SO-8	High Side Driver
IPS7081PBF	Intelligent Power Switch	TO-220AB	High Side Driver
IPS7081RPBF	Intelligent Power Switch	D-Pak 5-Lead	High Side Driver
IPS7081SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IPS7091GPBF	Intelligent Power Switch	SO-8	High Side Driver
IPS7091PBF	Intelligent Power Switch	TO-220AB	High Side Driver
IPS7091SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IR3313PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IR3313SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IR3314PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IR3314SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IR3315PBF	Intelligent Power Switch	TO-220FL	High Side Driver
IR3315SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver
IR3316SPBF	Intelligent Power Switch	D2-Pak 5-Lead	High Side Driver





Trench IGBT Co-Pack

Part Number	Package	Circuit	$I_C@25^\circ\text{C}$	$I_C@100^\circ\text{C}$	$V_{CE(on)}@25^\circ\text{C}$	Real partNumber
IRGB4059D	TO-220	Co-Pack	8.0A	4.0A	2.05V	IRGB4059DPBF
IRGB4045D	TO-220	Co-Pack	12.0A	6.0A	2.00V	IRGB4045DPBF
IRGB4060D	TO-220	Co-Pack	16.0A	8.0A	1.85V	IRGB4060DPBF
IRGB4064D	TO-220	Co-Pack	20.0A	10.0A	1.91V	IRGB4064DPBF
IRGB4056D	TO-220	Co-Pack	24.0A	12.0A	1.85V	IRGB4056DPBF
IRGB4061D	TO-220	Co-Pack	36.0A	18.0A	1.95V	IRGB4061DPBF
IRGB4062D	TO-220	Co-Pack	48.0A	24.0A	1.95V	IRGB4062DPBF
IRGP4062D	TO-247	Co-Pack	48.0A	24.0A	1.95V	IRGP4062DPBF
IRGP4063D	TO-247	Co-Pack	96.0A	48.0A	2.14V	IRGP4063DPBF



Mosfet	Description
IRF6613TR1PBF	40V, 150A, 3.4 mOhm, 42 nC Qg, Med Can
IRF6614TR1PBF	40V, 55A, 8.3 mOhm, 19 nC Qg, Small Can
IRF6616TR1PBF	40V, 106A, 5.0 mOhm, 29 nC Qg, Med Can
IRF6641TR1PBF	200V, 26A, 60 mOhm, 34 nC Qg, Med Can
IRF6643TR1PBF	150V, 35A, 35 mOhm, 39 nC Qg, Med Can
IRF6644TR1PBF	100V, 60A, 13 mOhm, 35 nC Qg, Med Can
IRF6645TR1PBF	100V, 25A, 35 mOhm, 14 nC Qg, Small Can
IRF6646TR1PBF	80V, 68A, 9.5 mOhm, 36 nC Qg, Med Can
IRF6648TR1PBF	60V, 86A, 7.0 mOhm, 36 nC Qg, Med Can
IRF6655TR1PBF	100V, 19A, 62 mOhm, 8.7 nC Qg, Small Can
IRF6662TR1PBF	100V, 47A, 22 mOhm, 22 nC Qg, Med Can
IRF6668TR1PBF	80V, 55A, 15 mOhm, 22 nC Qg, Med Can
IRF6674TR1PBF	60V, 67A, 11.2 mOhm, 25 nC Qg, Med Can
IRF6709S2TR1PBF	25V, 39A, 7.8 mOhm, 8.1 nC Qg, Small Can
IRF6710S2TR1PBF	25V, 37A, 5.9 mOhm, 8.8 nC Qg, Small Can
IRF6712STR1PBF	25V, 68A, 4.9 mOhm, 13 nC Qg, Small Can
IRF6713STR1PBF	25V, 95A, 3.0 mOhm, 21 nC Qg, Small Can
IRF6714MTR1PBF	25V, 166A, 2.1 mOhm, 29 nC Qg, Med Can
IRF6715MTR1PBF	25V, 180A, 1.6 mOhm, 40 nC Qg, Med Can
IRF6716MTR1PBF	25V, 180A, 1.6 mOhm, 39 nC Qg, Med Can
IRF6717MTR1PBF	25V, 220A, 1.25 mOhm, 46 nC Qg, Med Can
IRF6720S2TR1PBF	30V, 35A, 8.0 mOhm, 7.9 nC Qg, Small Can
IRF6721STR1PBF	30V, 60A, 7.3 mOhm, 11.7 nC Qg, Small Can
IRF6722MTR1PBF	30V, 56A, 7.7 mOhm, 11 nC Qg, Med Can
IRF6722STR1PBF	30V, 58A, 7.3 mOhm, 11 nC Qg, Small Can
IRF6724MTR1PBF	30V, 150A, 2.5 mOhm, 33 nC Qg, Med Can
IRF6725MTR1PBF	30V, 170A, 2.2 mOhm, 36 nC Qg, Med Can
IRF6726MTR1PBF	30V, 180A, 1.7 mOhm, 51 nC Qg, Med Can
IRF6727MTR1PBF	30V, 180A, 1.7 mOhm, 49 nC Qg, Med Can
IRF6775MTR1PBF	150V, 28A, 47 mOhm, 25 nC Qg, Med Can
IRF6785MTR1PBF	200V, 15A, 100 mOhm, 26 nC Qg, Med Can
IRF6795MTR1PBF	25V, 160A, 1.8 mOhm, 35 nC Qg, Med Can
IRF6797MTR1PBF	25V, 210A, 1.4 mOhm, 45 nC Qg, Med Can

Part

IRAM109-015SD

IRAM136-0760A

IRAM136-1060A

IRAM136-1060B

IRAM136-3023B

IRAM136-3063B

IRAM336-025SB

IRAMS06UP60A

IRAMS06UP60B

IRAMS10UP60A

IRAMS10UP60B

IRAMX16UP60A

IRAMX16UP60B

IRAMX20UP60A

IRAMY20UP60B

Part	Family
IR1167ASTRPBF	AC-DC Synchronous Rectifier IC Driver
IR1167BSTRPBF	AC-DC Synchronous Rectifier IC Driver
IR1166STRPBF	AC-DC Synchronous Rectifier IC Driver
IR1168SPBF	AC-DC Synchronous Rectifier IC Driver

Part	Family
IR1150IPBF	AC-DC PFC IC
IR1150ISTRPBF	AC-DC PFC IC

Part	Family	
IR3651STRPBF	DC-DC - Switch	Please contact IR before putting them into the catalogue
IR3811MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3812MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3820AMTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3820MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3821AMTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3821MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3822MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3800AMTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3800MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3801AMTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3801MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3802AMTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3802MTR1PBF	SUPIRBUCK	Please contact IR before putting them into the catalogue
IR3831MTR1PBF	SUPIRBUCK II	Please contact IR before putting them into the catalogue
IR3840MTR1PBF	SUPIRBUCK II	Please contact IR before putting them into the catalogue
IR3841MTR1PBF	SUPIRBUCK II	Please contact IR before putting them into the catalogue
IR3842MTR1PBF	SUPIRBUCK II	Please contact IR before putting them into the catalogue

AUDIO HVICs

IRS2011PBF

IRS2011SPBF

IRS20124SPBF

IRS20955SPBF

IRS2092PBF

IRS2092SPBF

IRS2093MPBF

Lighting HVICS

IR2156PBF	Fluorescent
IR2156SPBF	Fluorescent
IR2161PBF	Halogen
IR2161SPBF	Halogen
IRS2153DPBF	Fluorescent
IRS2153DSPBF	Fluorescent
IRS21531DPBF	Fluorescent
IRS21531DSPBF	Fluorescent
IRS2166DPBF	Fluorescent
IRS2166DSPBF	Fluorescent
IRS2168DPBF	Fluorescent
IRS2168DSPBF	Fluorescent
IRS21571DSPBF	Fluorescent
IR2520DPBF	Fluorescent
IR2520DSPBF	Fluorescent
IRS2540PBF	LED
IRS2540SPBF	LED
IRS2541PBF	LED
IRS2541SPBF	LED
IRS2453DPBF	HID
IRS2453DSPBF	HID
IRS2530DPBF	Fluorescent
IRS2530DSPBF	Fluorescent
IRS2158DPBF	Fluorescent
IRS2158DSPBF	Fluorescent

Part

IRS26302DJPBF
IRS23364DJPBF
IRS23364DSPBF
IRS2336DSPBF
IRS2336DJPBF
IRS26310DJPBF
IRS2330DJPBF
IRS2330DSPBF
IRS2330JPBF
IRS2330SPBF
IRS2332DJPBF
IRS2332DSPBF
IRS2332JPBF
IRS2332SPBF

Part	Family	Topology
IRS2001PBF	General Purpose HVICs	High Side and Low Side
IRS2003PBF	General Purpose HVICs	Half Bridge
IRS2004PBF	General Purpose HVICs	Half Bridge
IRS2101PBF	General Purpose HVICs	High Side and Low Side
IRS2103PBF	General Purpose HVICs	Half Bridge
IRS2104PBF	General Purpose HVICs	Half Bridge
IRS2106PBF	General Purpose HVICs	High Side and Low Side
IRS21064PBF	General Purpose HVICs	High Side and Low Side
IRS2108PBF	General Purpose HVICs	Half Bridge
IRS21084PBF	General Purpose HVICs	Half Bridge
IRS2109PBF	General Purpose HVICs	Half Bridge
IRS21094PBF	General Purpose HVICs	Half Bridge
IRS2110PBF	General Purpose HVICs	High Side and Low Side
IRS2111PBF	General Purpose HVICs	Half Bridge
IRS2112PBF	General Purpose HVICs	High Side and Low Side
IRS2113PBF	General Purpose HVICs	High Side and Low Side
IRS2117PBF	General Purpose HVICs	Single Channel
IRS2118PBF	General Purpose HVICs	Single Channel
IRS2127PBF	General Purpose HVICs	Single Channel
IRS2128PBF	General Purpose HVICs	Single Channel
IRS2181PBF	General Purpose HVICs	High Side and Low Side
IRS21814PBF	General Purpose HVICs	High Side and Low Side
IRS2183PBF	General Purpose HVICs	Half Bridge
IRS21834PBF	General Purpose HVICs	Half Bridge
IRS2184PBF	General Purpose HVICs	Half Bridge
IRS21844PBF	General Purpose HVICs	Half Bridge
IRS2186PBF	General Purpose HVICs	High Side and Low Side
IRS21864PBF	General Purpose HVICs	High Side and Low Side
IRS2304PBF	General Purpose HVICs	Half Bridge
IRS2308PBF	General Purpose HVICs	Half Bridge
<hr/>		
IRS2001SPBF	General Purpose HVICs	High Side and Low Side
IRS2003SPBF	General Purpose HVICs	Half Bridge
IRS2004SPBF	General Purpose HVICs	Half Bridge
IRS2101SPBF	General Purpose HVICs	High Side and Low Side
IRS2103SPBF	General Purpose HVICs	Half Bridge
IRS2104SPBF	General Purpose HVICs	Half Bridge
IRS2106SPBF	General Purpose HVICs	High Side and Low Side
IRS21064SPBF	General Purpose HVICs	High Side and Low Side
IRS2108SPBF	General Purpose HVICs	Half Bridge
IRS21084SPBF	General Purpose HVICs	Half Bridge
IRS2109SPBF	General Purpose HVICs	Half Bridge
IRS21091SPBF	General Purpose HVICs	Half Bridge
IRS21094SPBF	General Purpose HVICs	Half Bridge
IRS2110SPBF	General Purpose HVICs	High Side and Low Side
IRS2111SPBF	General Purpose HVICs	Half Bridge
IRS2112SPBF	General Purpose HVICs	High Side and Low Side
IRS2113SPBF	General Purpose HVICs	High Side and Low Side
IRS2117SPBF	General Purpose HVICs	Single Channel
IRS2118SPBF	General Purpose HVICs	Single Channel
IRS2127SPBF	General Purpose HVICs	Single Channel
IRS2128SPBF	General Purpose HVICs	Single Channel
IRS2181SPBF	General Purpose HVICs	High Side and Low Side
IRS21814SPBF	General Purpose HVICs	High Side and Low Side
IRS2183SPBF	General Purpose HVICs	Half Bridge

IRS21834SPBF	General Purpose HVICs	Half Bridge
IRS2184SPBF	General Purpose HVICs	Half Bridge
IRS21844SPBF	General Purpose HVICs	Half Bridge
IRS21851SPBF	General Purpose HVICs	Single Channel
IRS21853SPBF	General Purpose HVICs	Dual High Side
IRS2186SPBF	General Purpose HVICs	High Side and Low Side
IRS21864SPBF	General Purpose HVICs	High Side and Low Side
IRS2304SPBF	General Purpose HVICs	Half Bridge
IRS2308SPBF	General Purpose HVICs	Half Bridge
IRS2607DPBF		
IRS2607DSPBF		
IRS2608DSPBF		
IRS2609DSPBF		

General Purpose / Motor Control	600	1900 / 2300
General Purpose / Motor Control	600	1900 / 2300
General Purpose / Motor Control	600	1900 / 2300
General Purpose / Motor Control / PDP	600	4000 / 4000
General Purpose / Motor Control / PDP	600	2000 / 2000
General Purpose / Motor Control	600	4000 / 4000
General Purpose / Motor Control	600	4000 / 4000
General Purpose / Motor Control	600	290 / 600
General Purpose / Motor Control	600	290 / 600



ShutDown / Reset

Separate Power and Lr Integrated Bootstrap F Over Current Protectio

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes
Yes
Yes

Yes



Yes

Vcc / Vbs

Vcc / Vbs

Yes

Vcc / Vbs

Vcc / Vbs

Vcc / Vbs

Vcc / Vbs

Vcc / Vbs

Vcc / Vbs

Vcc / Vbs



Soft Shutdown

Desaturation Detector Current Amplifier Outp Brake Driver





Voltage Feedback	Inverter Input Logic	Single Input	Part Status
	LIN	Yes	Active & Preferred
	LIN	Yes	Active & Preferred
	HIN	Yes	Active & Preferred
	HIN	Yes	Active & Preferred
		Yes	Active & Preferred
	IN		Active & Preferred
	IN		Active & Preferred
	LIN	Yes	Active & Preferred
	LIN	Yes	Active & Preferred
			Active & Preferred
	LIN	Yes	Active & Preferred
	LIN	Yes	Active & Preferred
	HIN	Yes	Active & Preferred
	HIN	Yes	Active & Preferred
		Yes	Active & Preferred
		Yes	Active & Preferred
		Yes	Active & Preferred
	IN		Active & Preferred
	IN		Active & Preferred
	LIN		Active & Preferred

LIN

Yes

Yes

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred

Active & Preferred



Special 1K Budgetary Pricing

0.850 SPBF
0.850
0.850
1.175
1.175
1.175
1.312
1.388
1.362
1.438
1.312
1.388
1.800
1.325
1.550
2.013
1.100
1.100
1.362
1.362
1.500
1.625
1.500
1.625
1.500
1.625
1.750
2.075
1.112
1.300

0.850 SPBF
0.850
0.850
1.175
1.175
1.175
1.312
1.388
1.362
1.438
1.312

1.388
1.800
1.325
1.550
2.013
1.100
1.100
1.362
1.362
1.500
1.625
1.500

1.625
1.500
1.625
1.588

1.750
2.075
1.112
1.300



