

INTERNATIONAL RECTIFIER Driver ICs

International
IR Rectifier



This product is RoHS compliant.

SUPIRBUCK® VOLTAGE REGULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	No. of Outputs	Input Voltage (V)		Output Voltage (V)		Output Current (A)	Switching Freq. (KHz)	Price Each			
				Min.	Max.	Min.	Max.			1	25	100	250
942-IR3897MTR1PBF	IR3897MTR1PBF	PQFN 4 x 5	1	5	21 V	0.5	12	4 A	300-1500	3.30	2.04	1.69	1.61
942-IR3898MTR1PBF	IR3898MTR1PBF	PQFN 4 x 5	1	5	21 V	0.5	12	6 A	300-1500	3.75	2.32	1.92	1.83
942-IR3899MTR1PBF	IR3899MTR1PBF	PQFN 4 x 5	1	5	21 V	0.5	12	9 A	300-1500	4.35	2.69	2.22	2.12
942-IR3894MTR1PBF	IR3894MTR1PBF	PQFN 5 x 6	1	5	21 V	0.5	12	12 A	300-1500	5.55	3.43	2.84	2.71
942-IR3895MTR1PBF	IR3895MTR1PBF	PQFN 5 x 6	1	5	21 V	0.5	12	16 A	300-1500	6.30	3.89	3.22	3.07
942-IR3473MTR1PBF	IR3473MTR1PBF	QFN-17	1	3	27	0.5	12	6	750	3.30	2.03	1.68	1.61
942-IR3475MTR1PBF	IR3475MTR1PBF	QFN-17	1	3	27	0.5	12	10	750	3.30	2.25	1.91	1.83
942-IR3476MTR1PBF	IR3476MTR1PBF	QFN-17	1	3	27	0.5	12	12	750	4.50	2.77	2.29	2.19
942-IR3477MTR1PBF	IR3477MTR1PBF	QFN-17	1	3	27	0.5	12	15	750	5.78	3.55	2.94	2.81
942-IR3831WMTR1PBF	IR3831WMTR1PBF	PowerQFN-15	1	1.5	16	0.6	0.9	8	250-1500	4.79	2.94	2.44	2.33
942-IR3832WMTR1PBF	IR3832WMTR1PBF	PowerQFN-15	1	1.5	16	0.6	0.9	4	250-1500	4.13	2.53	2.10	2.01
942-IR3837MTR1PBF	IR3837MTR1PBF	QFN-17	1	1.5	16	0.6	14.4	14	250-1500	6.93	4.26	3.53	3.38
942-IR3838MTR1PBF	IR3838MTR1PBF	QFN-17	1	1.5	16	0.6	14.4	10	250-1500	5.45	3.35	2.77	2.65
942-IR3839MTR1PBF	IR3839MTR1PBF	QFN-17	1	1.5	16	0.6	14.4	6	250-1500	4.62	2.84	2.35	2.25
942-IR3840WMTR1PBF	IR3840WMTR1PBF	PowerQFN-15	1	1.5	16	0.7	0.9	12	250-1500	6.11	3.75	3.11	2.97
942-IR3842MTR1PBF	IR3842MTR1PBF	PowerQFN-15	1	1.5	16	0.7	0.9	4	250-1500	2.62	2.43	2.01	1.93
942-IR3841WMTR1PBF	IR3841WMTR1PBF	PowerQFN-15	1	1.5	16	0.7	0.9	8	250-1500	4.79	2.94	2.44	2.33
942-IR3842WMTR1PBF	IR3842WMTR1PBF	PowerQFN-15	1	1.5	16	0.7	0.9	4	250-1500	4.13	2.53	2.10	2.01
942-IR3843WMTR1PBF	IR3843WMTR1PBF	PowerQFN-15	1	1.5	16	0.7	0.9	2	250-1500	3.63	2.48	1.85	1.77
942-IR3853MTR1PBF	IR3853MTR1PBF	QFN-17	1	1.5	16	0.7	18.9	4	250-1500	3.63	2.23	1.85	1.77
942-IR3856WMTR1PBF	IR3856WMTR1PBF	QFN-17	1	1.5	16	0.7	14.4	6	250-1500	4.13	2.82	2.10	2.01
942-IR3859MTR1PBF	IR3859MTR1PBF	QFN-17	1	1.5	21	0.7	18.9	9	250-1500	4.62	2.84	2.35	2.25

Design Kits		Description	Price Each
942-IRDC3894	IRDC3894	Reference design for IR3894MTR1PBF & IR3894MTRPBF	25.00
942-IRDC3895	IRDC3895	Reference design for IR3895MTR1PBF	25.00
942-IRDC3897	IRDC3897	Reference design for IR3897MTR1PBF & IR3897MTRPBF	25.34
942-IRDC3898	IRDC3898	Reference design for IR3898MTR1PBF & IR3898MTRPBF	25.34
942-IRDC3899	IRDC3899	Reference design for IR3899MTR1PBF & IR3899MTRPBF	25.34

PROTECTED DIGITAL AUDIO AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	Supply Voltage (Max./Min.) (V)	Output Source Current (Min.) (mA)	Output Sink Current (Min.) (mA)	Price Each			
						1	25	100	250
942-IRS20957STRPBF	IRS20957STRPBF	SOIC-16	10/15	1000	1200	3.60	2.21	1.83	1.75
942-IRS2092STRPBF	IRS2092STRPBF	SOIC-16	10/20	1000	1200	5.09	2.99	2.37	2.22
942-IRS20124STRPBF	IRS20124STRPBF	SOIC-14	18/10	1000	1200	5.55	3.79	3.02	2.70

Design Kits		Description	Price Each
942-IRAUDAMP11	IRAUDAMP11	120Wx3 channel class D audio power amplifier	383.09
942-IRAUDAMP4A	IRAUDAMP4A	IRS20757S Two-channel 120W half-bridge class-D audio power amplifier	437.50
942-IRAUDAMP5	IRAUDAMP5	120W x 2 Channel class D audio power amplifier using the IRS2092S and IRF6645	312.50
942-IRAUDAMP7D	IRAUDAMP7D	25W-500W Scalable output class D audio power amp using the IRS2092	187.50
942-IRAUDAMP7S	IRAUDAMP7S	25W-500W Scalable output class D audio power amp using the IRS2092	187.50
942-IRAUDAMP8	IRAUDAMP8	120W x 4 Channel class D audio Power Amp using the IRS2093M and IRF6665	312.50
942-IRAUDPS1	IRAUDPS1	250W-1000W Scalable audio power supply for class D audio power amps using self-oscillating gate driver IR2085 and DirectFETS IRF6648	212.50

HALF BRIDGE DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	Channels	V _{offset}	Output Current (mA)	Maximum Turn-On Delay Time (ns)	Maximum Turn-Off Delay Time (ns)	Price Each			
								1	25	100	250
942-IR2085STRPBF	IR2085STRPBF	SOIC-8	2	100	1000	60	30	4.79	2.94	2.44	2.33
942-IR2003STRPBF	IR2003STRPBF	SOIC-8	2	200	130	680	150	1.92	1.06	.814	.768
942-IRS2004STRPBF	IRS2004STRPBF	SOIC-8	2	200	130	680	150	1.93	1.06	.817	.772
942-IR2104STRPBF	IR2104STRPBF	SOIC-8	2	600	130	680	150	3.36	1.97	1.57	1.47
942-IRS2103STRPBF	IRS2103STRPBF	SOIC-8	2	600	130	680	150	1.54	.84	.65	.614
942-IRS2104STRPBF	IRS2104STRPBF	SOIC-8	2	600	130	680	150	3.44	2.23	1.61	1.51
942-IRS2304STRPBF	IRS2304STRPBF	SOIC-8	2	600	130	150	150	3.40	2.01	1.60	1.49
942-IRS2111STRPBF	IRS2111STRPBF	SOIC-8	2	600	200	750	150	2.49	1.46	1.16	1.09
942-IRS25091STRPBF	IRS25091STRPBF	SOIC-8	2	600	200	750	250	1.85	1.14	.786	.743
942-IRS25092STRPBF	IRS25092STRPBF	SOIC-8	2	600	200	750	250	2.06	1.34	.97	.898
942-IRS2608DSTRPBF	IRS2608DSTRPBF	SOIC-8	2	600	200	250	250	3.06	1.80	1.43	1.34
942-IRS2609DSTRPBF	IRS2609DSTRPBF	SOIC-8	2	600	200	1100	400	3.08	1.81	1.44	1.35
942-IRS21531DSTRPBF	IRS21531DSTRPBF	SOIC-8	2	600	260	-	-	1.91	1.12	.898	.841
942-IRS2153DSTRPBF	IRS2153DSTRPBF	SOIC-8	2	600	260	-	-	2.00	1.23	.844	.725
942-IR2168DSTRPBF	IR2168DSTRPBF	SOIC-16	2	600	260	-	-	3.26	1.92	1.52	1.43
942-IR2302STRPBF	IR2302STRPBF	SOIC-8	8	600	260	320	330	3.18	1.95	1.62	1.55
942-IR2304STRPBF	IR2304STRPBF	SOIC-8	2	600	260	320	330	3.06	1.98	1.43	1.42
942-IRS21084STRPBF	IRS21084STRPBF	SOIC-14	2	600	290	220	200	3.21	1.97	1.63	1.56
942-IRS2108STRPBF	IRS2108STRPBF	SOIC-8	2	600	290	220	200	2.96	1.74	1.38	1.30
942-IRS21091STRPBF	IRS21091STRPBF	SOIC-8	2	600	290	750	200	4.62	2.84	2.35	2.25
942-IRS21094STRPBF	IRS21094STRPBF	SOIC-14	2	600	290	750	200	3.23	1.98	1.64	1.57
942-IRS21095STRPBF	IRS21095STRPBF	SOIC-8	2	600	290	750	200	3.10	1.82	1.45	1.36
942-IRS2308STRPBF	IRS2308STRPBF	SOIC-8	2	600	290	220	200	3.24	2.21	1.65	1.58
942-IR2308STRPBF	IR2308STRPBF	SOIC-8	2	600	350	300	280	3.78	2.58	1.92	1.67
942-IR2103STRPBF	IR2103STRPBF	SOIC-8	2	600	360	820	220	3.09	1.82	1.45	1.35
942-IRS2548DSTRPBF	IRS2548DSTRPBF	SOIC-14	2	600	120	50	4.29	2.94	2.19	2.09	
942-IRS25411STRPBF	IRS25411STRPBF	SOIC-8	2	600	700	320	180	2.65	1.56	1.24	1.23
942-IRS27951STRPBF	IRS27951STRPBF	SOIC-8	2	600	900	-	-	2.83	1.67	1.32	1.24
942-IRS27952STRPBF	IRS27952STRPBF	SOIC-8	2	600	900	-	-	3.13	2.03	1.33	1.32
942-IR2183STRPBF	IR2183STRPBF	SOIC-8	2	600	1900	180	220	4.13	2.53	2.10	2.01
942-IRS21834STRPBF	IRS21834STRPBF	SOIC-14	2	600	1900	180	220	3.65	2.24	1.97	1.94
942-IRS21835STRPBF	IRS21835STRPBF	SOIC-8	2	600	1900	180	220	3.31	2.03	1.68	1.61
942-IR2184PBF	IR2184PBF	PDIP-14	2	600	1900	680	270	2.55	2.28	2.01	1.91
942-IR2184SPBF	IR2184S	SOIC-8	2	600	1900	680	270	2.66	2.53	2.10	1.99
942-IR21844PBF	IR21844PBF	PDIF-14	2	600	1900	680	270	2.77	2.48	2.18	2.07
942-IRS21844MTRPBF	IRS21844MTRPBF	MLPQ-16	2	600	1900	680	270	3.98	2.73	2.03	2.02
942-IRS21844STRPBF	IRS21844STRPBF	SOIC-14	2	600	1900	680	270	3.43	2.02	1.61	1.51
942-IRS21845STRPBF	IRS21845STRPBF	SOIC-8	2	600	1900	680	270	2.41	1.42	1.13	1.06
942-IR21834STRPBF	IR21834STRPBF	SOIC-14	2	600	2300	270	330	4.46	2.74	2.27	2.17

INTELLIGENT POWER SWITCHES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	Channels	V _{out} Clamp	Resistance Drain Source RDS (on) (mΩ)	Over Current Protection (A)	Price Each			
							1	25	100	250
942-IPS1021SPBF	IPS1021SPBF	D2PAK	1	36	25	SD@35	4.54	2.79	2.31	2.21
942-IPS1031SPBF	IPS1031SPBF	D2PAK	1	36	50	SD@18	3.85	2.37	1.96	1.87
942-IPS1041RPBF	IPS1041RPBF	DPAK	1	39	100	SD@6	2.51	1.63	1.33	1.32
942-IPS1051LPBF	IPS1051LPBF	SOT-223	1	39	250	SD@2.8	2.16	1.27	1.01	.948
942-IPS6021RPBF	IPS6021RPBF	DPAK-5	1	39	30	I LIM@32	4.08	2.51	2.08	1.99
942-IPS6031RPBF	IPS6031RPBF	DPAK-5	1	39	60	I LIM@16	3.53	2.17	1.79	1.72
942-IPS6041GPBF	IPS6041GPBF	SOIC-8	1	39	130	I LIM@7	2.96	1.74	1.38	1.30
942-IPS6041RPBF	IPS6041RPBF	DPAK-5	1	39	130	I LIM@7	3.39	2.00	1.59	1.49



Power Management

International Rectifier

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER