

# INTERNATIONAL RECTIFIER Driver ICs

International  
IOR Rectifier

## PROTECTED DIGITAL AUDIO AMPLIFIERS

 This product is RoHS compliant.

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-IRS20925STRPBF	IRS20925STRPBF	SOIC-16	10/20	1000	1200	3.11	1.83	1.45	1.36
942-IRS20124STRPBF	IRS20124STRPBF	SOIC-14	18/10	1000	1200	5.55	3.79	3.02	2.70
Design Kits						Price Each			
942-IRAUDAMP11	IRAUDAMP11	Description				383.09			
942-IRAUDAMP4A	IRAUDAMP4A	120Wx3 channel class D audio power amplifier				700.00			
942-IRAUDAMP5	IRAUDAMP5	IRS20033STRPBF Two-channel 120W half-bridge class-D audio power amplifier				500.00			
942-IRAUDAMP7D	IRAUDAMP7D	120W x 2 Channel class D audio power amplifier using the IRS2092S and IRF6645				300.00			
942-IRAUDAMP7S	IRAUDAMP7S	25W-500W Scalable output class D audio power amp using the IRS2092				300.00			
942-IRAUDAMP8	IRAUDAMP8	25W-500W Scalable output class D audio power amp using the IRS2092				500.00			
942-IRAUDPS1	IRAUDPS1	120W x 4 Channel class D audio Power Amp using the IRS2093M and IRF6665				340.00			
		250W-1000W Scalable audio power supply for class D audio power amps using self-oscillating gate driver IR2085 and DirectFETS IRF6648							

## HALF BRIDGE DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	Channels	Voffset	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-IR20033STRPBF	IRS20033STRPBF	SOIC-8	2	200	130	680	150	1.92	1.06	.814	.768
942-IR20044STRPBF	IRS20044STRPBF	SOIC-8	2	200	130	680	150	1.93	1.06	.817	.772
942-IR2104STRPBF	IR2104STRPBF	SOIC-8	2	600	200	680	150	3.15	1.85	1.47	1.38
942-IR21033STRPBF	IRS21033STRPBF	SOIC-8	2	600	130	680	150	1.54	.84	.65	.614
942-IR2104STRPBF	IRS2104STRPBF	SOIC-8	2	600	130	680	150	3.44	2.23	1.61	1.51
942-IR2304STRPBF	IRS2304STRPBF	SOIC-8	2	600	130	150	150	3.40	2.01	1.60	1.49
942-IR2111STRPBF	IRS2111STRPBF	SOIC-8	2	600	200	750	150	2.49	1.46	1.16	1.09
942-IR25091STRPBF	IRS25091STRPBF	SOIC-8	2	600	200	750	250	1.85	1.14	.786	.743
942-IR25099STRPBF	IRS25099STRPBF	SOIC-8	2	600	200	750	250	2.06	1.34	.97	.898
942-IR2608DSTRPBF	IRS2608DSTRPBF	SOIC-8	2	600	200	250	250	3.06	1.80	1.43	1.34
942-IR2609DSTRPBF	IRS2609DSTRPBF	SOIC-8	2	600	200	1100	400	3.08	1.81	1.44	1.35
942-IR21531DSTRPBF	IRS21531DSTRPBF	SOIC-8	2	600	260	-	-	1.91	1.12	.898	.841
942-IR2153DSTRPBF	IRS2153DSTRPBF	SOIC-8	2	600	260	-	-	2.00	1.23	.844	.725
942-IR2168DSTRPBF	IRS2168DSTRPBF	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	2.91	1.89	1.36	1.35
942-IR21084STRPBF	IRS21084STRPBF	SOIC-14	2	600	290	220	200	3.21	1.97	1.63	1.56
942-IR2108STRPBF	IRS2108STRPBF	SOIC-8	2	600	290	220	200	2.96	1.74	1.38	1.30
942-IR21091STRPBF	IRS21091STRPBF	SOIC-8	2	600	290	750	200	4.62	2.84	2.35	2.25
942-IR21094STRPBF	IRS21094STRPBF	SOIC-14	2	600	290	750	200	3.23	1.98	1.64	1.57
942-IR2109STRPBF	IRS2109STRPBF	SOIC-8	2	600	290	750	200	3.10	1.82	1.45	1.36
942-IR2308STRPBF	IRS2308STRPBF	SOIC-8	2	600	220	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	2.99	1.76	1.40	1.31
942-IR2548DSTRPBF	IRS2548DSTRPBF	SOIC-14	2	600	500	120	50	4.29	2.94	2.19	2.09
942-IR25411STRPBF	IRS25411STRPBF	SOIC-8	2	600	700	320	180	2.65	1.56	1.24	1.23
942-IR27951STRPBF	IRS27951STRPBF	SOIC-8	2	600	900	-	-	2.83	1.67	1.32	1.24
942-IR27952STRPBF	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-IR21834STRPBF	IRS21834STRPBF	SOIC-14	2	600	1900	180	220	3.65	2.24	1.97	1.94
942-IR2183STRPBF	IRS2183STRPBF	SOIC-8	2	600	1900	180	220	3.31	2.03	1.68	1.61
942-IR21844MTRPBF	IRS21844MTRPBF	MLPQ-16	2	600	1900	680	270	3.98	2.73	2.03	2.02
942-IR21844STRPBF	IRS21844STRPBF	SOIC-14	2	600	1900	680	270	3.43	2.02	1.61	1.51
942-IR2184STRPBF	IRS2184STRPBF	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	Vout Clamp	Resistance Drain Source RDS (on) (mΩ)	Over Current Protection (A)	Price Each			
							1	25	100	250
942-IPS1021PBF	IPS1021PBF	TO-220AB	1	36	25	SD@35	4.18	2.57	2.12	2.03
942-IPS1021RPBF	IPS1021RPBF	DPAK	1	36	25	SD@35	3.96	2.43	2.01	1.93
942-IPS1021SPBF	IPS1021SPBF	D2PAK	1	36	25	SD@35	4.54	2.79	2.31	2.21
942-IPS1031PBF	IPS1031PBF	TO-220AB	2	36	50	SD@18	3.00	1.84	1.53	1.46
942-IPS1031RPBF	IPS1031RPBF	DPAK	2	36	50	SD@18	3.31	1.95	1.55	1.45
942-IPS1031SPBF	IPS1031SPBF	D2PAK	2	36	50	SD@18	3.85	2.37	1.96	1.87
942-IPS1041LPBF	IPS1041LPBF	SOT-223	1	39	100	SD@6	2.77	1.63	1.29	1.21
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-IPS6041PBF	IPS6041PBF	TO-220-5	1	39	130	I LIM@7	3.60	2.21	1.83	1.75
942-IPS6041RPBF	IPS6041RPBF	DPAK-5	1	39	130	I LIM@7	3.39	2.00	1.59	1.49
942-IPS6041SPBF	IPS6041SPBF	D2PAK-5	1	39	130	I LIM@7	4.03	2.48	1.87	1.85
942-IPS2041LPBF	IPS2041LPBF	SOT-223	1	68	130	SD@5	3.18	1.95	1.62	1.55
942-IPS2041RPBF	IPS2041RPBF	DPAK	1	68	130	SD@5	3.32	2.04	1.69	1.62
942-IPS1042GPBF	IPS1042GPBF	SOIC-8	2	39	100	SD@6	3.17	1.94	1.61	1.54
942-IPS1052GPBF	IPS1052GPBF	SOIC-8	2	39	250	SD@2.8	3.03	1.78	1.42	1.33

## DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	International Rectifier Part No.	Package	Channels	Voffset	Output Current (A)	Topology	Maximum Turn-On Delay Time (ns)	Maximum Turn-Off Delay Time (ns)	Price Each			
									1	25	100	250
942-IR4427STRPBF	IR4427STRPBF	SOIC-8	2	25	2.3	Dual Low Side	160	150	3.40	2.00	1.59	1.49
942-IRS2001STRPBF	IRS2001STRPBF	SOIC-8	2	200	0.13	High Side & Low Side	60	60	1.68	.93	.712	.672
942-IRS2001MTRPBF	IRS2001MTRPBF	MLPQ-16	2	200	0.29	High Side & Low Side	160	150	2.47	1.60	1.16	1.15
942-IR2011STRPBF	IR2011STRPBF	SOIC-8	2	200	1	High Side & Low Side	220	200	3.45	2.12	1.75	1.68
942-IR2011STRPBF	IRS2011STRPBF	SOIC-8	2	200	1	High Side & Low Side	160	150	2.47	1.60	1.15	1.08
942-IR2010STRPBF	IR2010STRPBF	SOIC-16	2	200	3	High Side & Low Side	80	75	4.65	2.86	2.37	2.26
942-IR2110STRPBF	IR2110STRPBF	SOIC-16	2	500	2.5	High Side & Low Side	180	220	4.79	2.94	2.44	2.33
942-IR2101STRPBF	IRS2101STRPBF	SOIC-8	2	600	0.13	High Side & Low Side	220	220	1.80	1.06	.855	.842
942-IR21064STRPBF	IR21064STRPBF	SOIC-8	2	600	0.2	High Side & Low Side	120	94	3.30	2.03	1.68	1.61
942-IR2301STRPBF	IR2301STRPBF	SOIC-8	2	600	0.2	High Side & Low Side	85	65	3.18	1.95	1.62	1.55
942-IR2181STRPBF	IR2181STRPBF	SOIC-8	2	600	1.9	High Side & Low Side	280	225	4.19	2.58	2.13	2.04
942-IR2213STRPBF	IR2213STRPBF	SOIC-16	2	1200	1.7	High Side & Low Side	220	200	8.11	5.55	4.70	4.51

Power Management

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