

**MG3 Ballast Board (Part# 6800046)**

MG3

**MG3 Series** - Replace all MG3 Series with MG3R (Part# 6800057) Ballast Boards.

2 Year Warranty - based on 4 digit date code.

**Click Here** for date code example.

First 2 Digits is week of manufacturing, second two Digits is year of manufacturing. For example, "0206" was manufactured second week of 2006.

Manufacturing started July 2002

Last date of manufacturing June 2009

Used in Mega 4Bank, Mega Double, Mega Single

**Electrical Components (MG3)**

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
BR1	1040035	Bridge Rectifier (GBU)	8A 1000V PIV	EA	1
C7, C8, C9,C10	1000066	Cap, Electrolytic 105 C	390uf 200V	EA	4
D5	1040039	Diac	32V		1
D2	1050007	Zener Diode - SMT - SOT-23	BZX84C15 (15V)	EA	1
D1	1050008	Zener Diode - SMT - SOT-23	BZX84C18 (18V)	EA	1
D4, 8, 9, 10	1050056	Diode - SMT - Fast Recovery	US1M (1A, 1000V)	EA	4
F1	1300020	Ceramic Fuse(5x20mm)	4A / 250 Slo Blo	EA	1
MOV2	1040029	Metal Oxide Varistor	275VAC	EA	1
MOV1	1040026	Metal Oxide Varistor	150VAC	EA	1
Q1	1090001	Transistor - SMT - General Purpose	MMBT3904	EA	1
Q2	1090002	Transistor - SMT - General Purpose	MMBT3906	EA	1
Q3	1080023	N Channel Mosfet	20A 600V 190mOhm	EA	1
Q4, Q5	1080021	BUL 416	-	EA	2
R4	1020041	RES Metal Oxide	1 Ohm 3W	EA	1
R19	1020019	Resistor - Metal Oxide	82k Ohm 2W 5%	EA	1
R5	1030012	Resistor - SMT - 1206	12k Ohm 5%	EA	1
R3, 6, 7, 8, 9, 15, 16, 17, 18, 22, 23, 24, 25	1030017	Resistor - SMT - 1206	100k Ohm 5%	EA	13
R2	1030024	Resistor - SMT - 1206	10k Ohm 1%	EA	1
R1, 26, 27, 28, 29, 30, 31, 32, 33	1030043	Resistor - SMT - 1206	220k Ohm 5%	EA	9
T1	1180017	Kino Transformer TX-51	-	EA	1
T2	1180007	Kino Transformer TX-10	-	EA	1

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**Hardware – New Clip (MG3)**

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
Q3,Q4,Q5,BR1,S1	5550004	Snap-On Clip	-	EA	5

Part Number PRT-TC Sold as 50pk

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