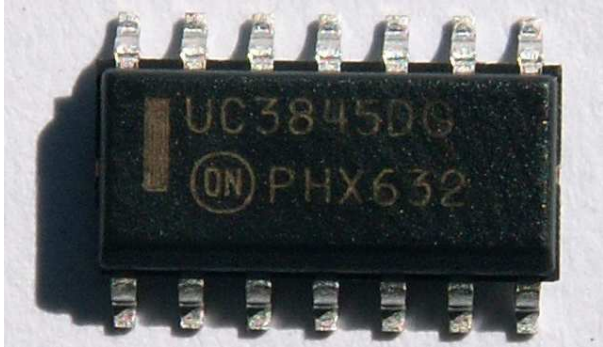




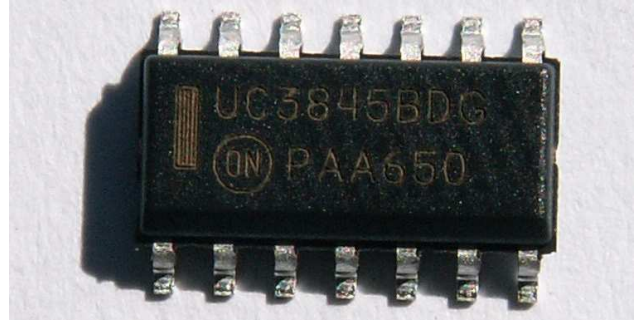
Change of UC3845 circuit on GYS products

The component UC3845DG (GYS reference 64057) is now obsolete. GYS now buys the component UC3845BDG (GYS ref. 64060). This new component is slightly different and necessitates some changes of discrete components on the main board. The change in production occurred in March 2007 (SN = 07.03. XXXXX).

Old component : UC3845DG



New component : UC3845BDG



	3845 DG			3845 BDG		
	R charge	R discharge	C	R charge	R discharge	C
GYSMI 126 (≥ind6.7)	R02_RC: 2.2K		C02_RC: 4.7nF	R02_RC: 3.9K		C02_RC: 2.7nF
GYSMI 131 (≥ind4.6)	R03_11P: 1.82K		C03_09P: 4.7nF	R33P11: 2.7K		C33P09: 3.3nF
GYSMI 142 DV (≥ind3.1)	R04_6: 270R	R04_5: 100R	C04_3: 47nF	R04_6: 316R	R04_5: 221R	C04_3: 47nF
GYSMI 161 (≥ind6.4)	R03_11P: 1.82K		C03_09P: 4.7nF	R03_11P: 2.7K		C03_09P: 3.3nF
GYSMI 165 (≥ind4.6)	R03_11P: 1.82K		C03_09P: 4.7nF	R03_11P: 2.7K		C03_09P: 3.3nF
GYSMI 190 (≥ind3.5)	R04_6: 1.82K		C04_3: 4.7nF	R04_6: 2.7K		C04_3: 3.3nF
GYSMI 250 TRI (≥ind2.A)	R3_40: 2.2K		C3_33: 4.7nF	R3_40: 3.9K		C3_33: 2.7nF
GYSMI TIG 130 HF (≥ind5.5)	R04_6: 270R	R04_5: 221R	C04_3: 47nF	R04_6: 316R	R04_5: 221R	C04_3: 47nF
130 HF Auxiliary Power Supply	R20_7: 470R		C20_1: 47nF	R20_7: 1.3K		C20_1: 22nF
TIG 130HF Trigger	R24_12: 2.2K		4.7nF (C24_2: 10nF, C24_5: 10nF)	R24_12: 3.3K		3.3nF (C24_2: 0R, C24_5: 3.3nF)
GYSMI TIG 140DV HF (≥ind3.5)	R04_6: 270R	R04_5: 221R	C04_3: 47nF	R04_6: 316R	R04_5: 221R	C04_3: 47nF
TIG 140 Trigger	R24_12: 2.2K		4.7nF (C24_2: 10nF, C24_5: 10nF)	R24_12: 3.3K		3.3nF (C24_2: 0R, C24_5: 3.3nF)
GYSMI TIG 160 HF (≥ind9.3)	R04_6: 680R	R04_5: 100R	C04_3: 22nF	R04_6: 787R (1K//3.3K)	R04_5: 120R (220R//270R)	C04_3: 22nF
TIG 160 Trigger	R24_12: 2.2K		C24_9: 4.7nF	R24_12: 3.3K		C24_9: 3.3nF
GYSMI TIG 180 AC/DC (≥64191 ind9.3)	R04_6: 680R	R04_5: 100R	C04_3: 22nF	R04_6: 787R (1K//3.3K)	R04_5: 120R (220R//270R)	C04_3: 22nF
TIG 180 Trigger (64191 ind9.3)	R24_12: 2.2K		C24_9: 4.7nF	R24_12: 3.3K		C24_9: 3.3nF
AC Board Auxiliary Power Supply (64194 ≥ind3.4)	R2_23: 2.2K		C2_42: 4.7nF	R2_23: 3.3K		C2_42: 3.3nF
Plasma (≥ind3.4)	1437R (R01_10: 6.82K, R01_09: 1.82K)		5.7nF (C01_01: 4.7nF, C01_02: 1nF)	2.5K (R01_10: 10K, R01_09: 3.3K)		3.3nF (C01_01: 3.3nF, C01_02: NI)
Easy TIG (≥ind1.2)	R4_06: 2.2K		C4_08: 4.7nF	R4_06: 3.3K		C4_08: 3.3nF
20HF (≥ind 3)	R2_15: 2.2K, R2_16: 0R, R2_22: NI	Except transistor version	C2_9: 4.7nF	R2_15: 2.2K, R2_16: 0R, R2_22: NI	Except transistor version	C2_9: 4.7nF
20HF Auxiliary Power Supply	R5_4: 2.2K		C5_3: 4.7nF	R2_23: 3.3K		C2_42: 3.3nF
40HF (≥ind 3)	R2_15: 2.2K, R2_16: 0R, R2_22: NI	Except transistor version	C2_9: 4.7nF	R2_15: 2.2K, R2_16: 0R, R2_22: NI	Except transistor version	C2_9: 4.7nF
40HF Auxiliary Power Supply	R5_4: 2.2K		C5_3: 4.7nF	R2_23: 3.3K		C2_42: 3.3nF