

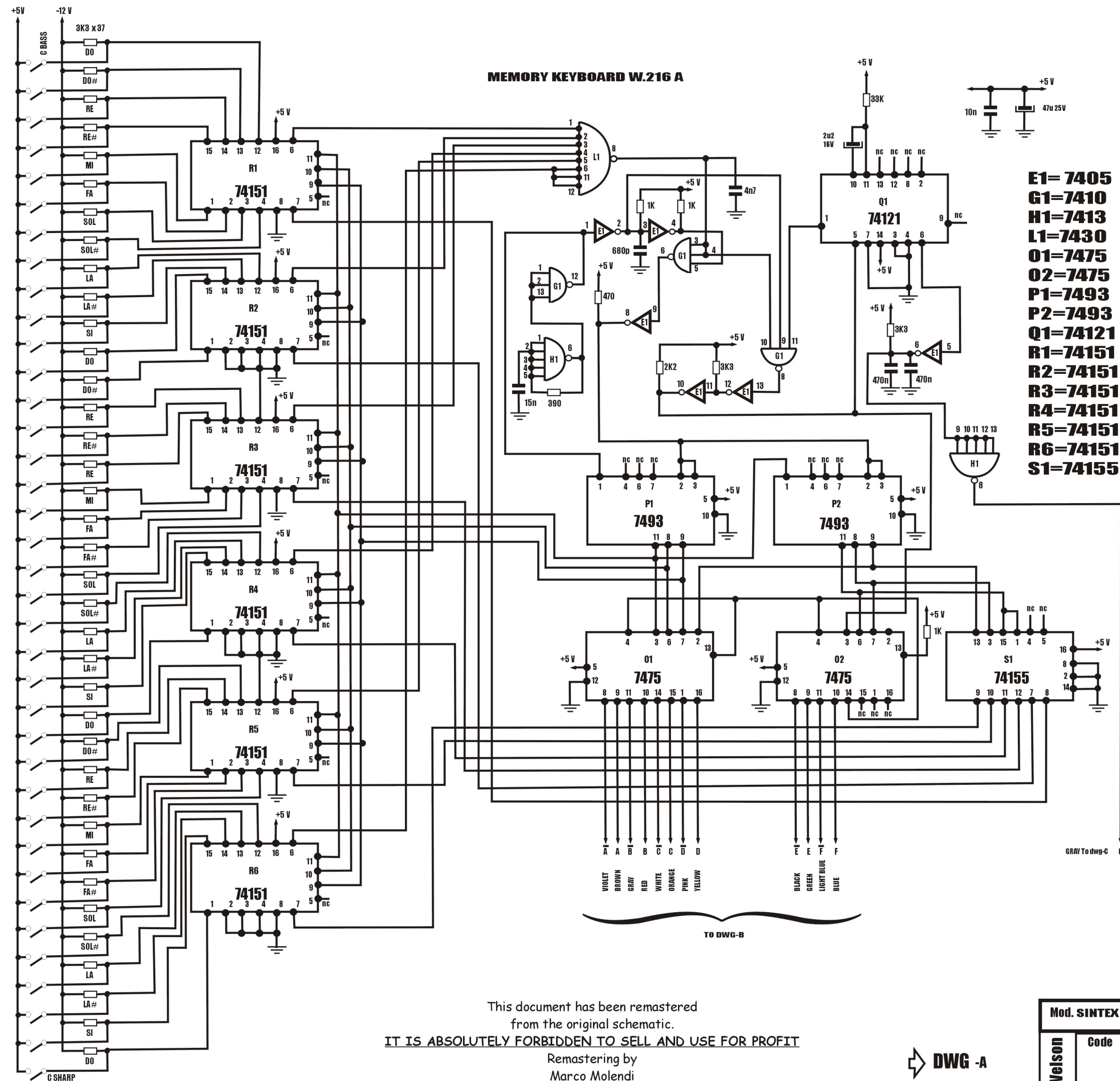


service manual

SYNTEX

WELSON
WEBO ELECTRONICS CO. S.p.A.

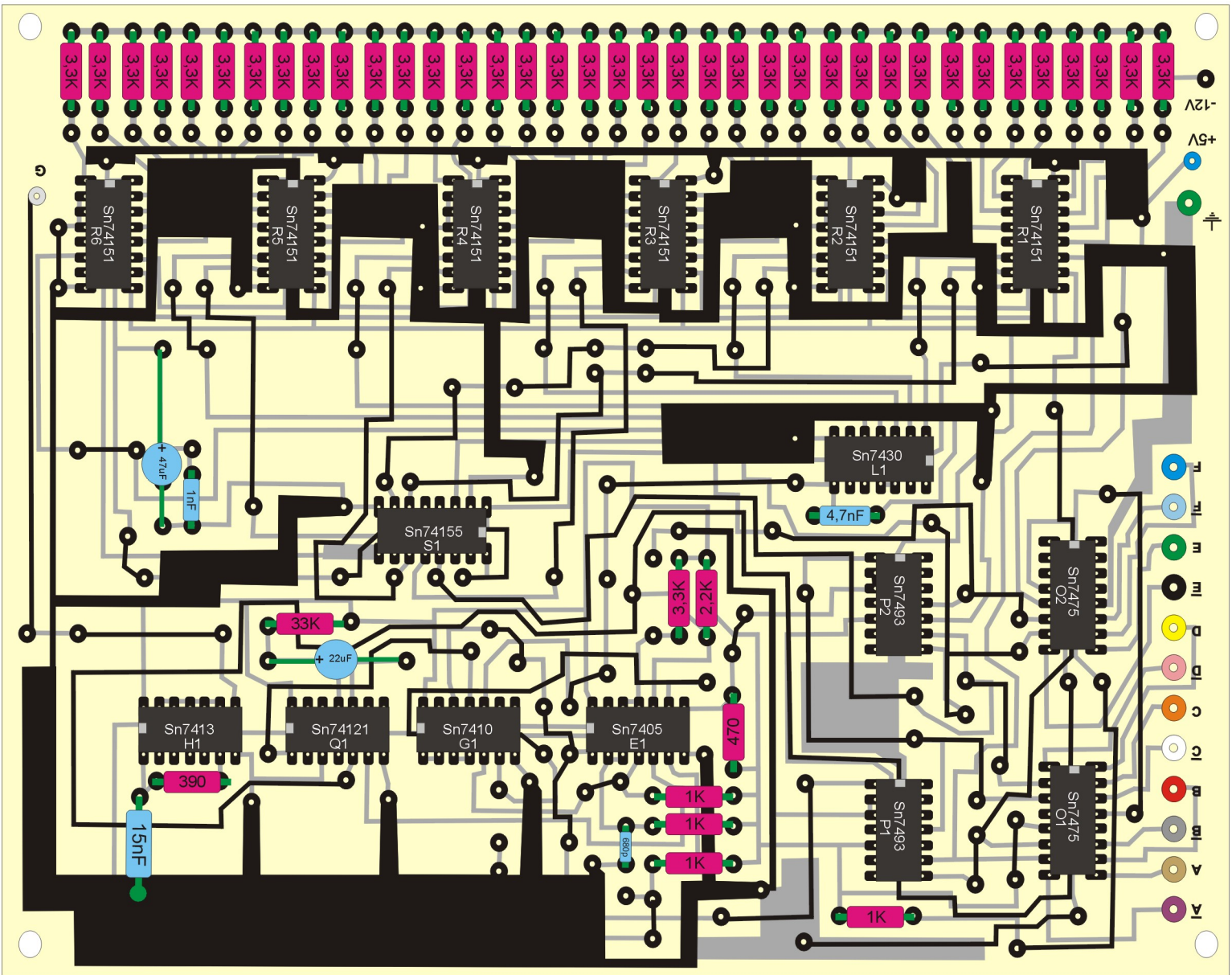
80030 PASSATEMPO - ITALY

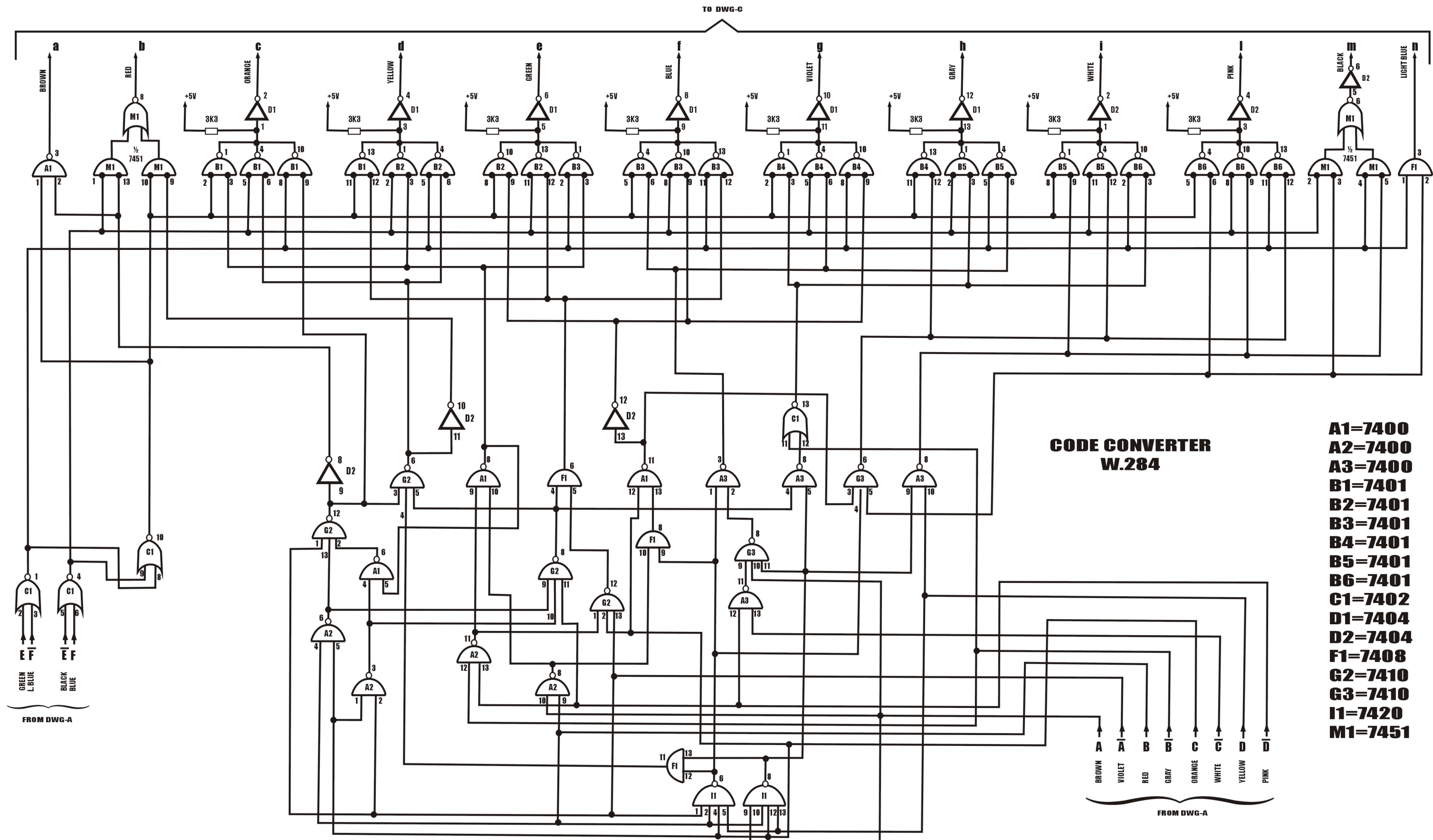


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 Marco Molendi

DWG -A

Mod. SINTEX		Serial No		
Wilson	Code	Draw	By	Revision
		Checked	By	Date
		Down	By	14 6 76
		Slubov		





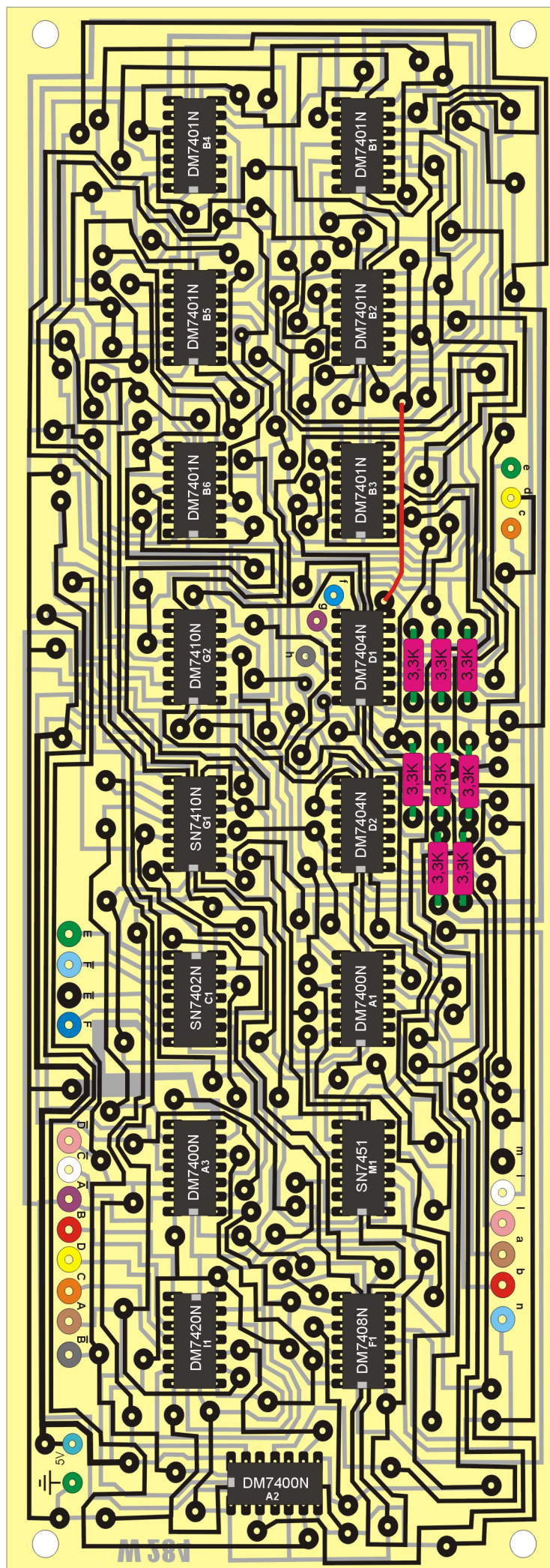
**CODE CONVERTER
W.284**

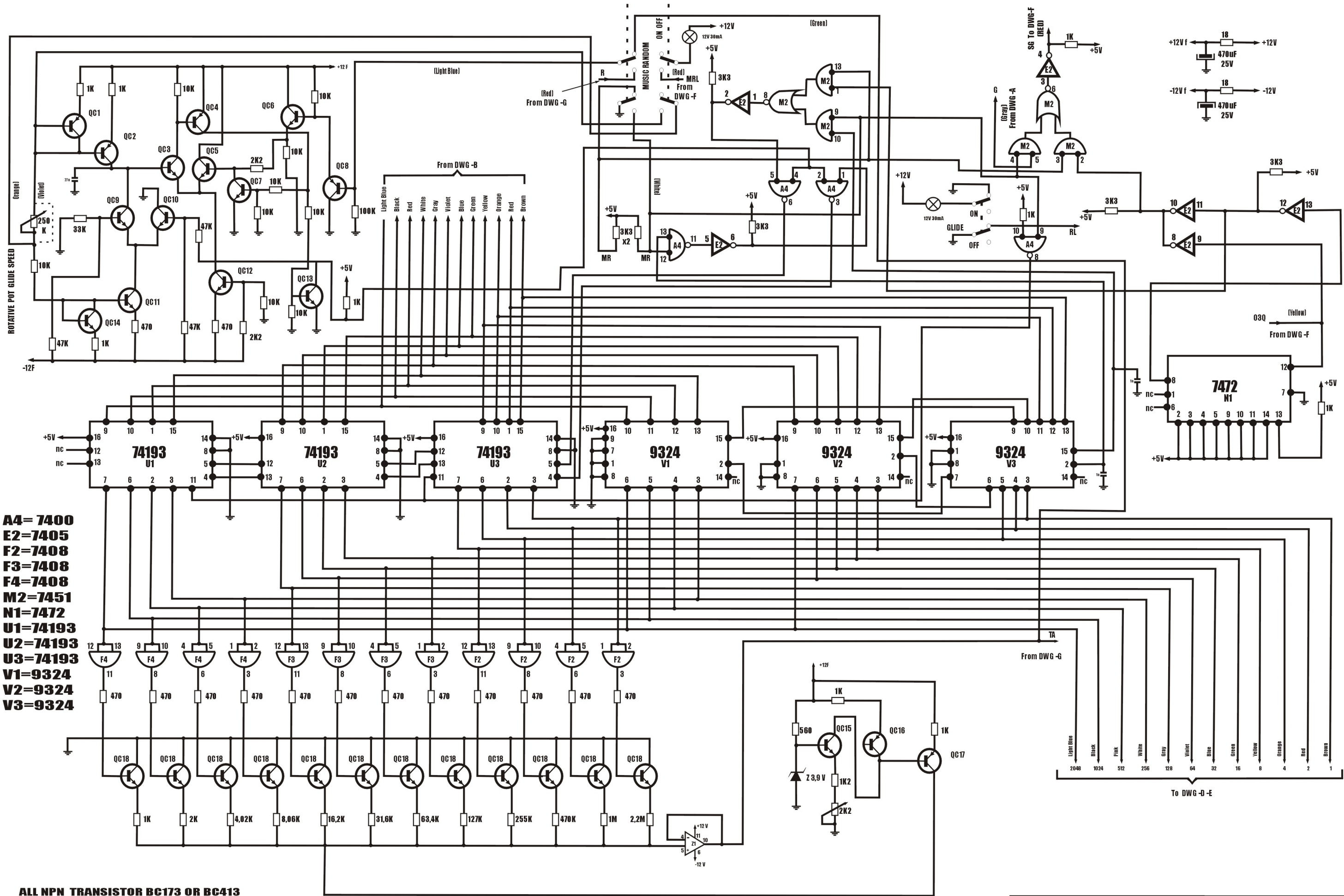
- A1=7400**
- A2=7400**
- A3=7400**
- B1=7401**
- B2=7401**
- B3=7401**
- B4=7401**
- B5=7401**
- B6=7401**
- C1=7402**
- D1=7404**
- F1=7408**
- G2=7410**
- G3=7410**
- I1=7420**
- M1=7451**

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➡ **DWG-B**

Mod. SINTEX			Serial No		
Welson	Code	Draw	Revision	14	6
		By			
		Drawn By			
		Checked By			
		By	Date		





- A4=7400
- E2=7405
- F2=7408
- F3=7408
- F4=7408
- M2=7451
- N1=7472
- U1=74193
- U2=74193
- U3=74193
- V1=9324
- V2=9324
- V3=9324

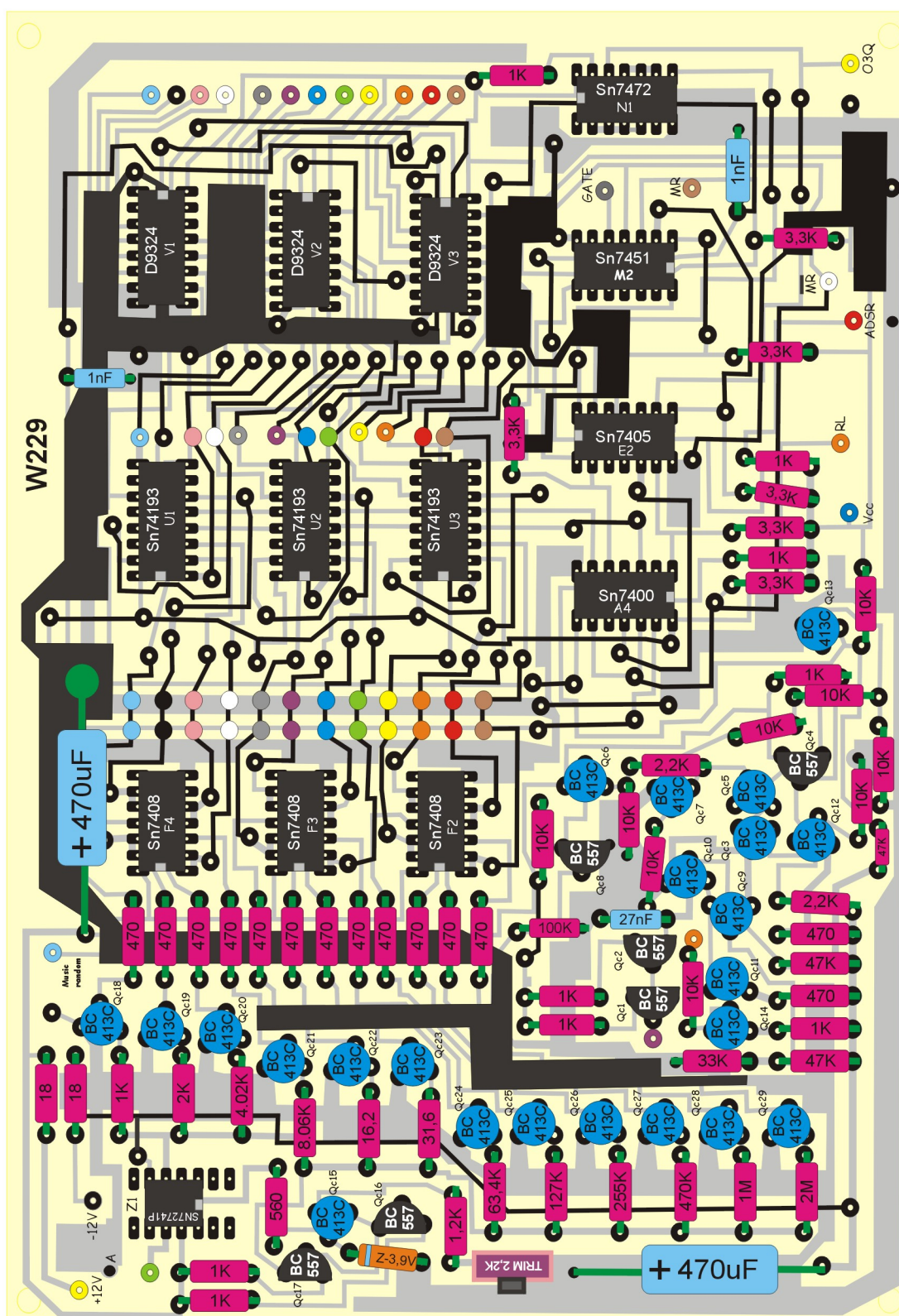
ALL NPN TRANSISTOR BC173 OR BC413
" PNP " BC153 OR BC253

CONTROL BOARD W.229

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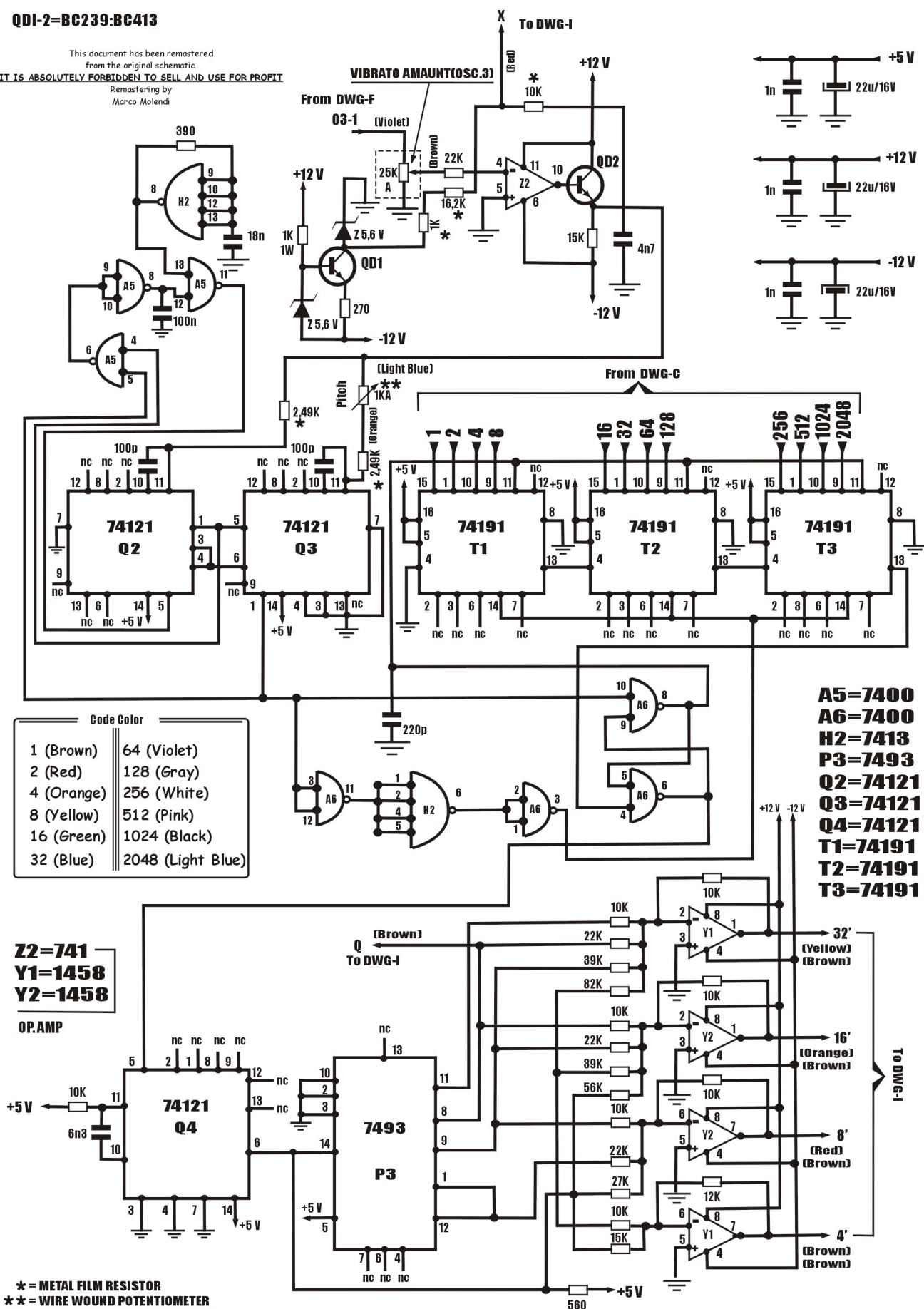
DWG-C

Mod. SINTEX			Serial No			
Welson	Code	Draw By <i>Downing, M. R.</i>	Revision	14	6	76
		Checked By <i>Slutsky</i>	Date			



QDI-2=BC239:BC413

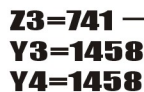
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➡ **DWG-D**

Mod. SINTEX			Serial No			
Welson	Code	Draw By <i>Domini, M. R. Jr</i>	Revision	14	6	76
		Checked By <i>Slupski</i>	Date			

Remastering by
Marco Molendi

VIBRATO AMOUNT(OSC.3)

OP.AMP

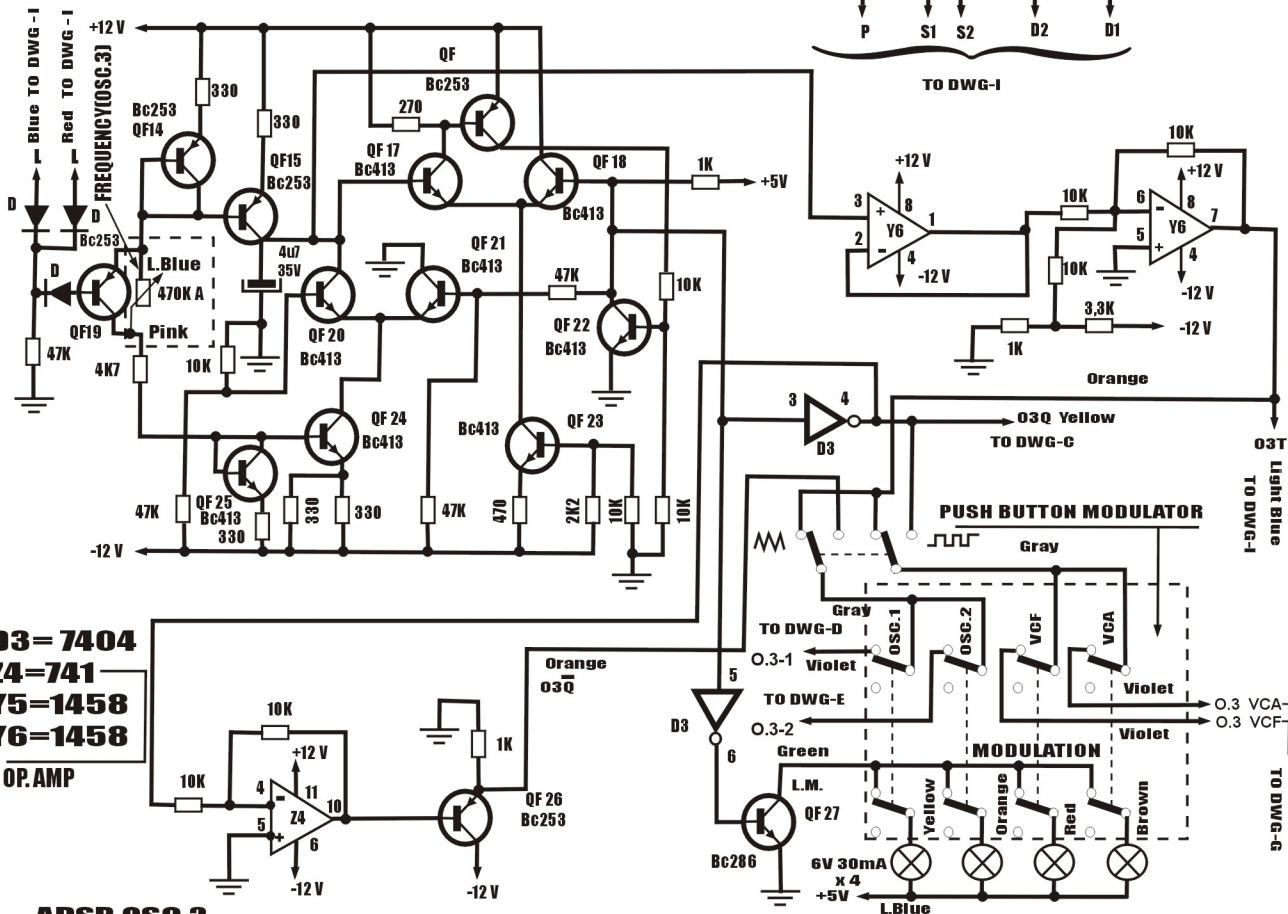
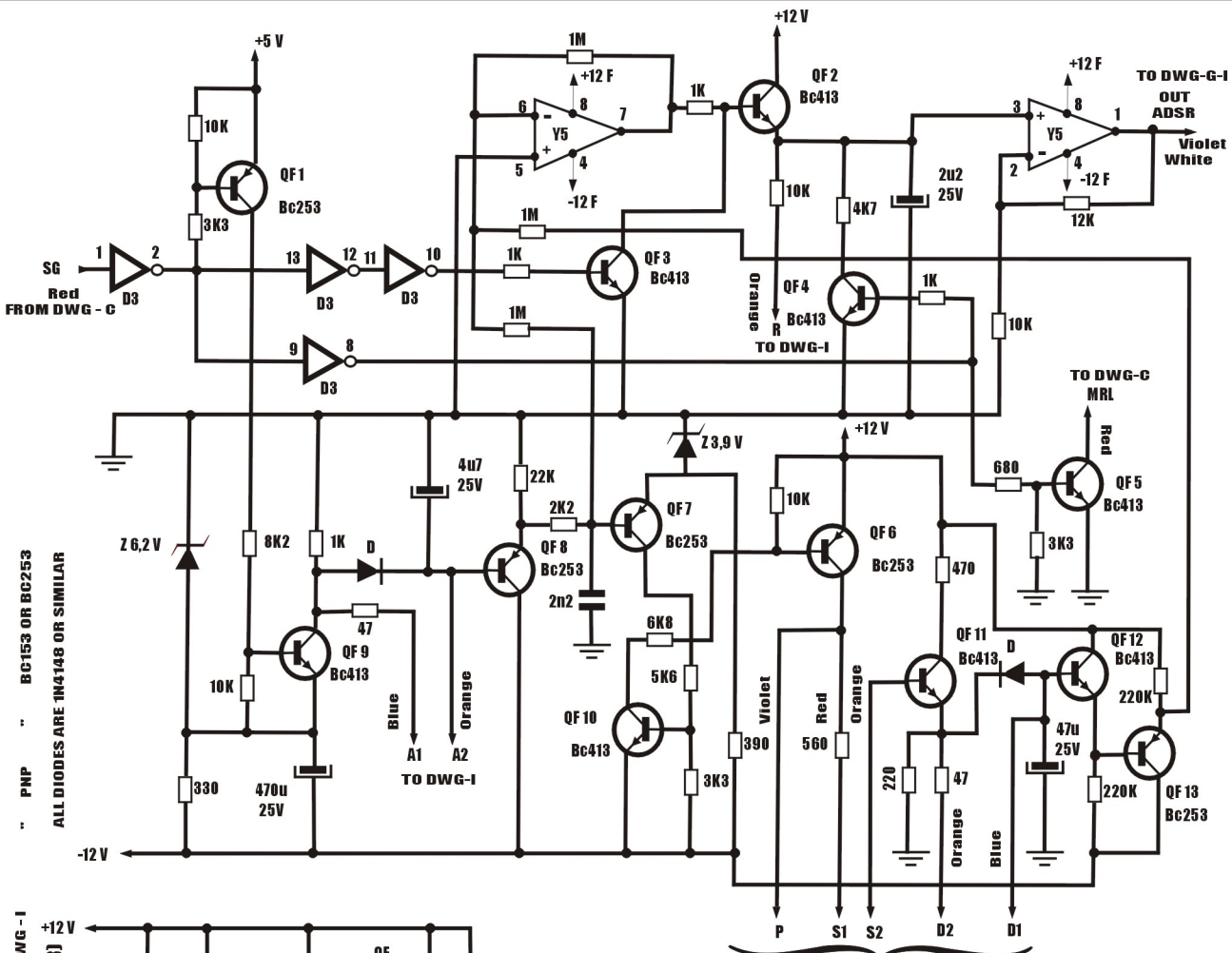
* = METAL FILM RESISTOR
** = WIRE WOUND POTENTIOMETER

Oscillator 2 W.223



Mod. SINTEX			Serial No			
Welson	Code	Draw By <i>Domian M. Rte</i>	Revision	14	6	76
		Cheched By <i>Slutskov</i>	Date			

ALL NPN TRANSISTOR BC239 OR BC413
 : PNP BC153 OR BC253
 ALL DIODES ARE 1N4148 OR SIMILAR



D3=7404
 Z4=741
 Y5=1458
 Y6=1458
 OP.AMP

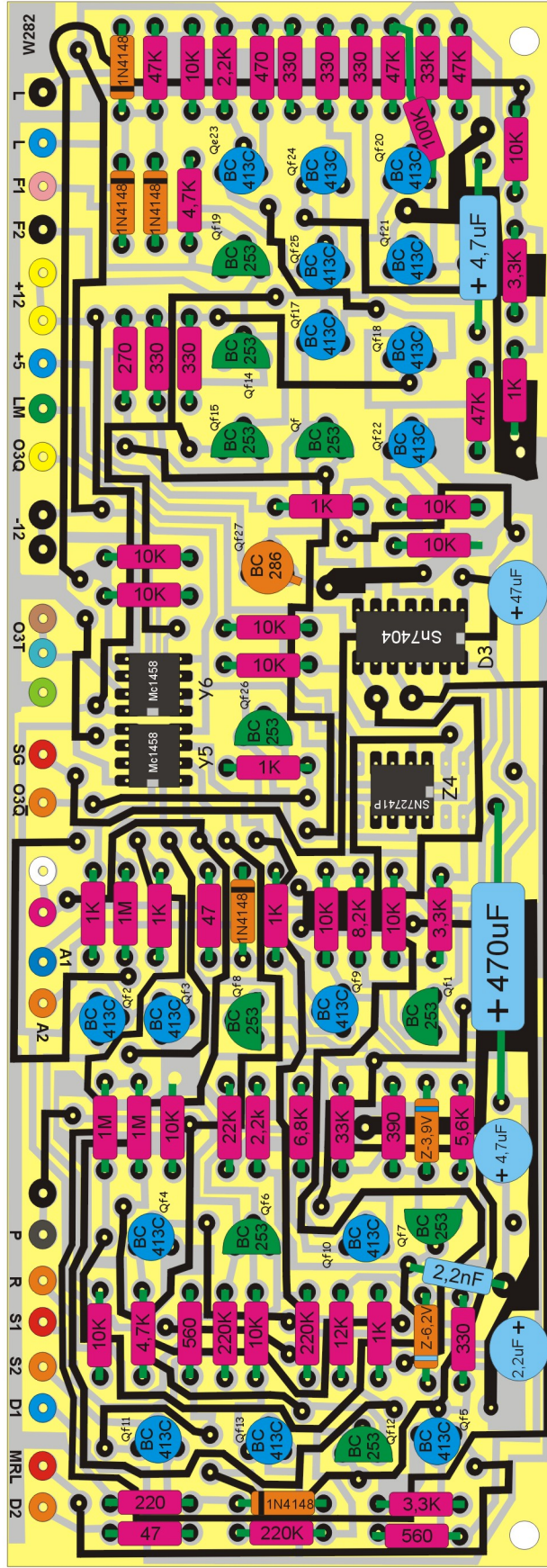
ADSR OSC.3

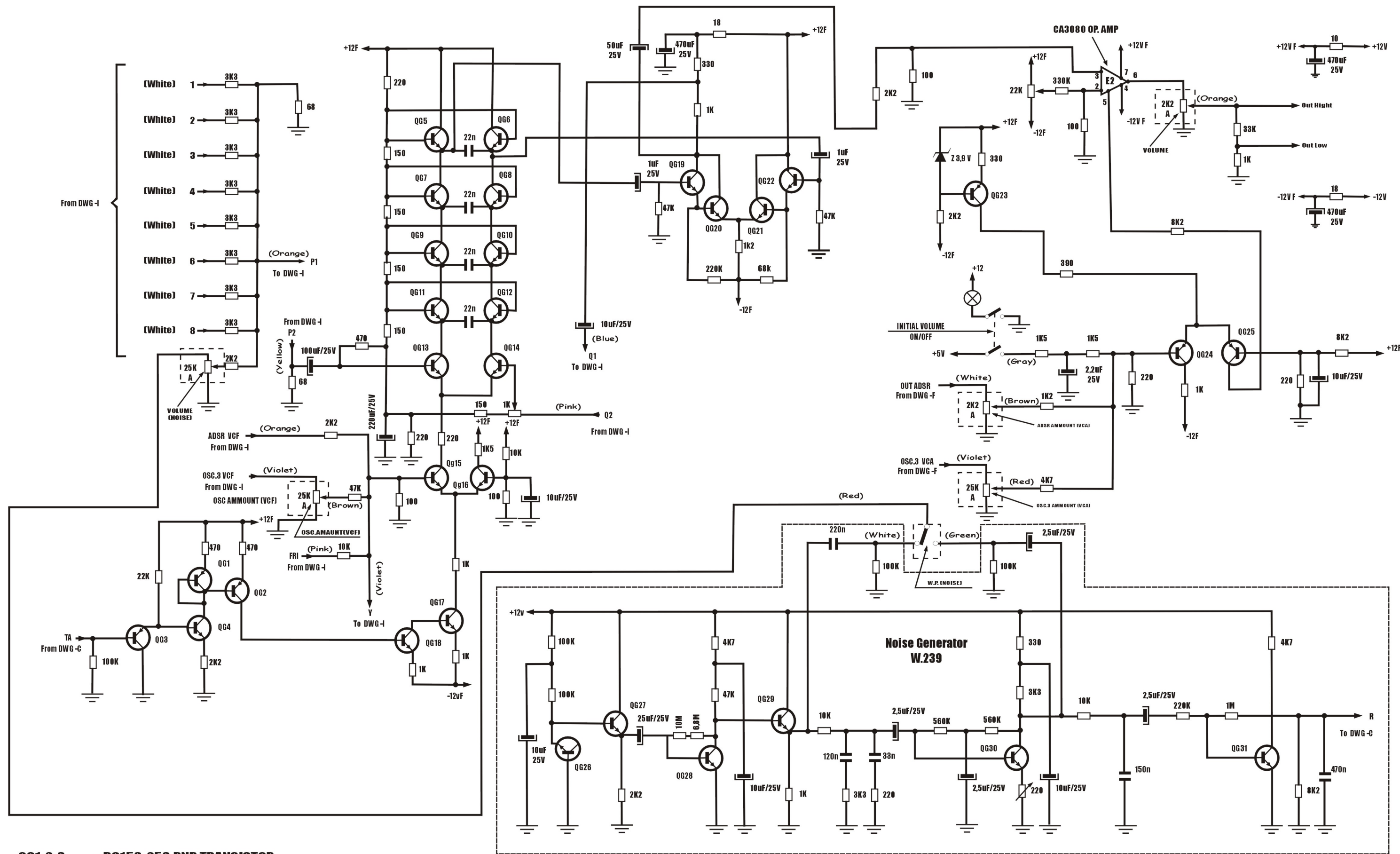
W.282

➡ DWG - F

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Mod. SINTEX		Serial No		
Welson	Code	Draw	By	Revision
		Down	By	14 6 76
		Cheched	By	Date
		Sluboni		





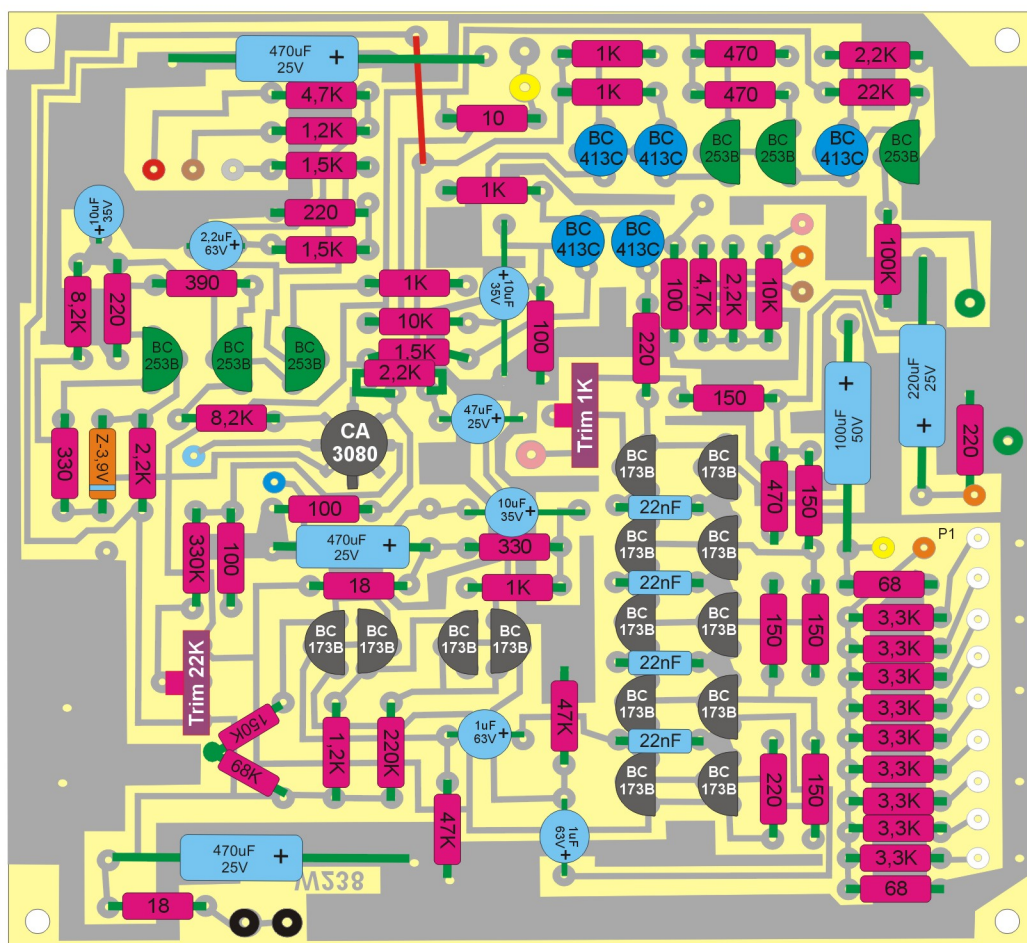
Q1-2-3 = BC153-253 PNP TRANSISTOR
Q22-24-25 = " " " "
Q4-Q22 = Bc173 OR Bc239 OR Bc413 NPN TRANSISTOR
Q25-Q31 = BC238-239-413

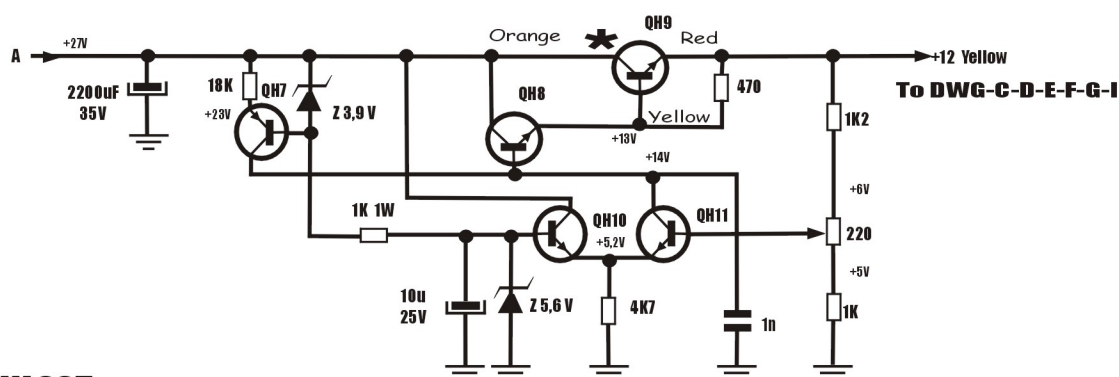
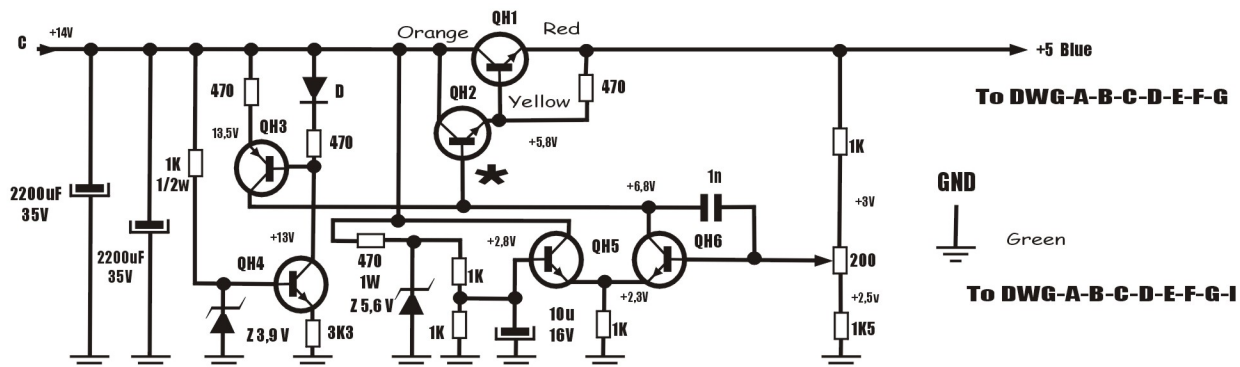
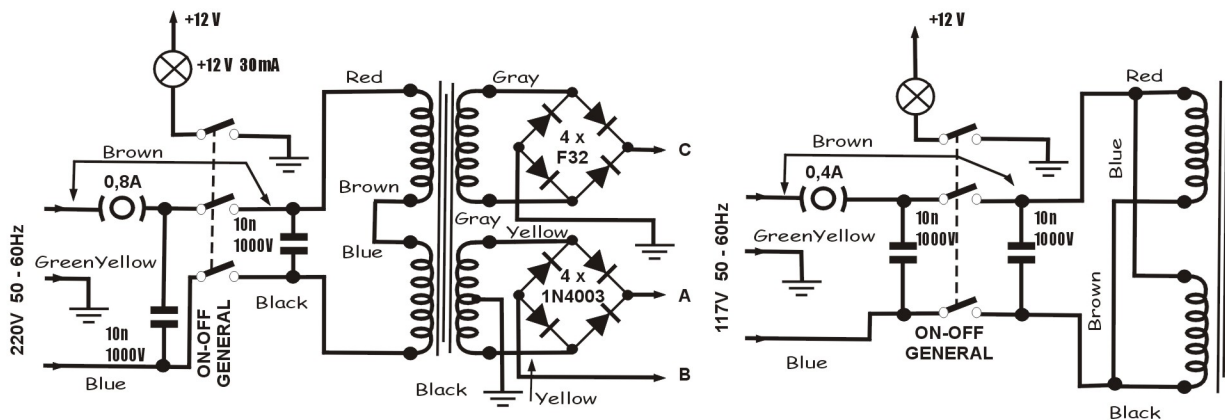
VCF-VCA W.238

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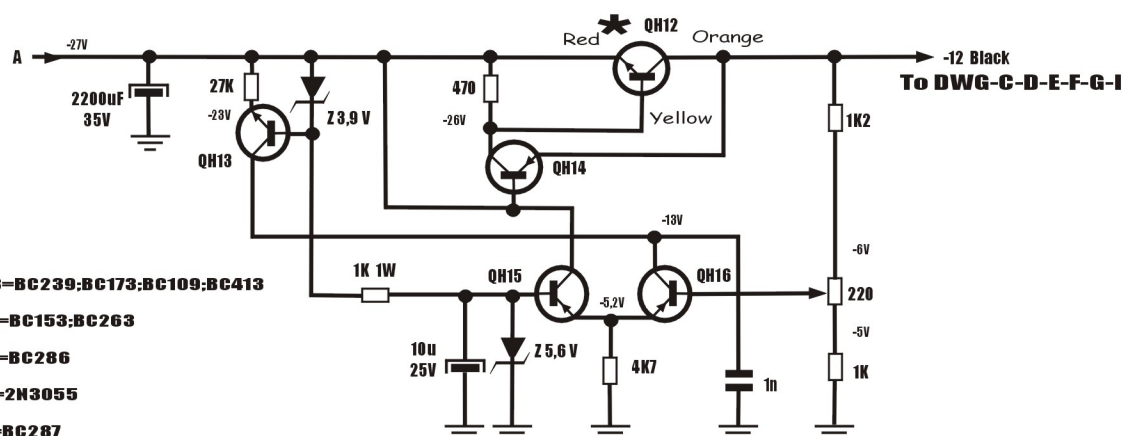
➡ DWG-G

Mod. SINTEX		Serial No		
Welson	Code	Draw	By	Revision
		Checked	By	Date
		<i>Downing</i>	<i>W. R. R.</i>	14 6 76
		<i>Sluboni</i>		





W.225



QH4-5-6-10-11-13=BC239;BC173;BC109;BC413

QH3-7-15-16 =BC153;BC263

QH2-8 =BC286

QH1-9-12 =2N3055

QH14 =BC287

POWER SUPPLY



DWG -H

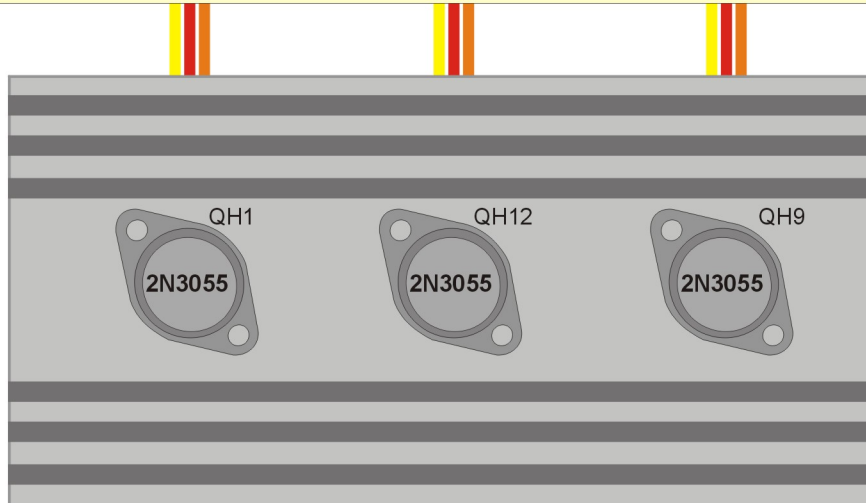
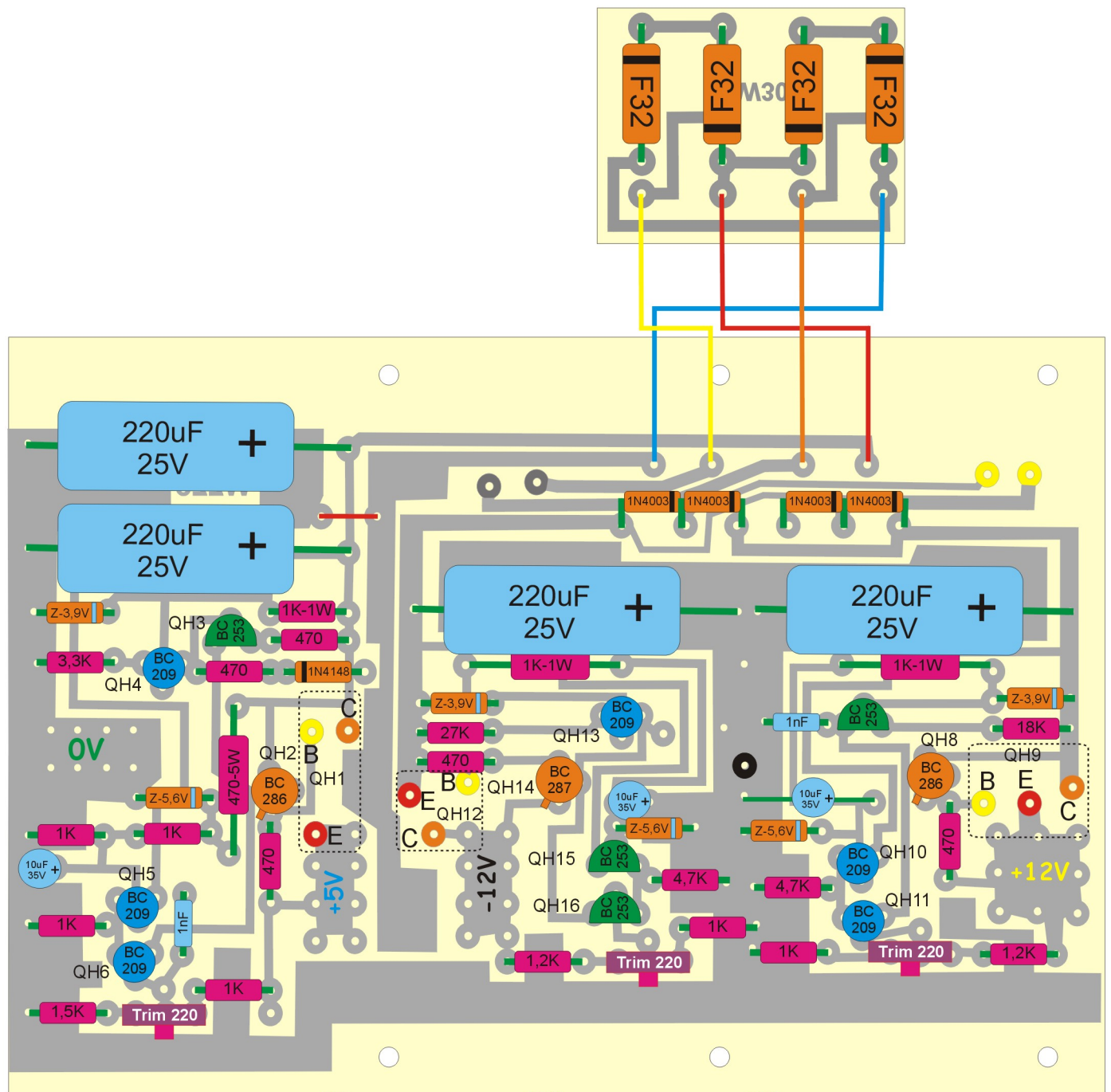
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★ TRANSISTOR ON METAL HEAT SINK

Mod. SINTEX		Serial No		
Welson	Code	Draw	By	Revision
		Checked	By	Date
		Downing	Rt	14 6 76
		Slubov		



SLIDER POTENTIOMETER BOARD

