

Componentenlijst						
STKG2019		Simpel Testbeeld Kleuren Generator 2019, bouwproject NVRA Haarlem				
Opgesteld door: F. Keijzer PA0FKM						
File: STKG2019.BOM.01.A0						
Datum: 7 augustus 2020						
Bron: STKGEN						
Gecontroleerd:						
Vrijgegeven:						
Positie	Waarde	Omschrijving	Behuizing	Fabriek	Bestelnummer	Opmerkingen
C1	1nF	Capacitor	radial 2,54			Ceramic
C2	1uF	Capacitor	SMD			Ceramic 1206 toegev. Soldeerzijde
C3	100nF	Capacitor	radial 2,54			Ceramic
C4	10nF	Capacitor	radial 2,54			Ceramic
C5	220pF	Capacitor	radial 2,54			Ceramic
C6	220pF	Capacitor	radial 2,54			Ceramic
C7	1,8 > 22 pF	Folie-trimmer	radial 7,5	Philips		Groen 7,5mm
C8	15pF	Capacitor	radial 2,54			Ceramic
C9	100nF	Capacitor	radial 2,54			Ceramic
C10	10nF	Capacitor	radial 2,54			Ceramic Let op! was 1nF
C11	1nF	Capacitor	radial 2,54			Ceramic Let op! was 56pF
C12	1nF	Capacitor	radial 2,54			Ceramic
C13	33pF	Capacitor	radial 2,54			Ceramic
C14	100nF	Capacitor	radial 2,54			Ceramic
C15	39pF	Capacitor	radial 2,54			Ceramic Let op! was 27 pF
C16	22pF	Capacitor	radial 2,54			Ceramic
C17	22pF	Capacitor	radial 2,54			Ceramic
C18	100uF/35V	Capacitor	radial			Aluminium
C19	100nF	Capacitor	radial 2,54			Ceramic
C20	220nF	Capacitor	radial 5,08			Ceramic
C21	47uF/16V	Capacitor	radial 2,54			Aluminium toegev. Soldeerzijde
C22	220nF	Capacitor	radial 5,08			Ceramic
C23	22uF/35V	Capacitor	radial 2,54			Aluminium
C24	15uF/50V	Capacitor	radial 2,54			Aluminium (in pakket NVRA)
C25	15uF/50V	Capacitor	radial 2,54			Aluminium (in pakket NVRA)
C26	15uF/50V	Capacitor	radial 2,54			Aluminium (in pakket NVRA)
C27	82pF	Capacitor	radial 2,54			Ceramic
C28	82pF	Capacitor	radial 2,54			Ceramic
C29	82pF	Capacitor	radial 2,54			Ceramic
D1	1N4148	Diode	Axial			
D2	1N4148	Diode	Axial			
D3	1N4148	Diode	Axial			
J1	Jumper-2 pins	Break strip	1 x 2,54 mm			through hole
J2	Jumper-2 pins	Break strip	1 x 2,54 mm			through hole
J3	Jumper-2 pins	Break strip	1 x 2,54 mm			through hole
L1	Inductor	3/10" 7,62 mm	Axial			Hier zat R8, nu L1
X1	XTAL-8 MHz	X-TAL	5,08mm			Isolation pad in pakket
X2	XTAL-4,433619 MHz	X-TAL	5,08mm			Xtal en isolation pad in pakket NVRA
R1	10K	Potmeter horizontaal	5 x 10 mm	Piher	PT10LV10K	In pakket NVRA
R2	10K	Potmeter horizontaal	5 x 10 mm	Piher	PT10LV10K	In pakket NVRA
R3	10K	Potmeter horizontaal	5 x 10 mm	Piher	PT10LV10K	In pakket NVRA
R4	10K	Potmeter horizontaal	5 x 10 mm	Piher	PT10LV10K	In pakket NVRA
R5	47K	Resistor	SFR16			
R6	1K	Resistor	SFR16			
R7	1K	Resistor	SFR16			
R8	Let op! R vervallen nu inductor L1					Let op! Vervangen door inductor L1 22uH
R9	1K	Resistor	SFR16			
R10	75E	Resistor	7,62 mm			
R11	10K	Potmeter horizontaal	5 x 10 mm	Piher	PT10LV10K	In pakket NVRA
U1	PIC16F628A-I/P	PIC Processor	Pdip 18	Microchip		Op precidipvoet 18P plaatsen
U2	MC1377P DIL20	CTV RGB to PAL/NTSC	Pdip 20	Motorola /On Semi		Op precidipvoet 20P plaatsen
U3	78L10	Low Drop Regulator 10V	TO92			
U4	L78L05	Low Drop Regulator 5V	TO92			
X1	2P SIL 1/10"	SIL pinheader 1/10".	2,54mm			Aansluiting 12V voeding (in pakket)
X2	2P SIL 1/10"	SIL pinheader 1/10".	2,54 mm			Video 75E uitgang (in pakket NVRA)
PCB	SKTG2019 91 x 52 mm FR4 1.6	Pcb	91 x 52 mm	NVRA		Org. Bjorn PD5DJ (in pakket NVRA)
H1	Behuizing, plastic, zwart	Serpac Behuizing	108 x 66mm	Serpac	NVRA-SERPAC	NVRA behuizing (in pakket NVRA)
Opm.	Testprogramma is in U1 geplaatst tenzij er complete opgave is gedaan voor aanvang levering. Zelf call etc. plaatsen is mogelijk in het clubhuis v/d NVRA of natuurlijk gewoon thuis in de chack!					