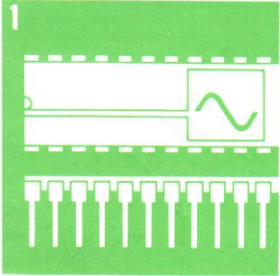
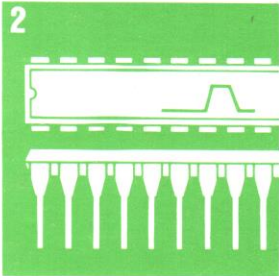
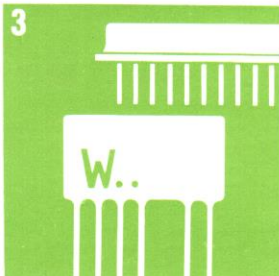
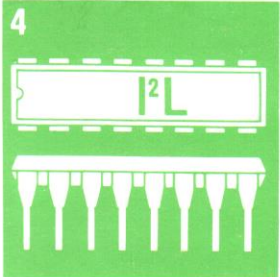
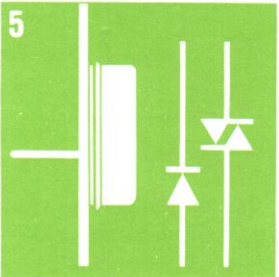
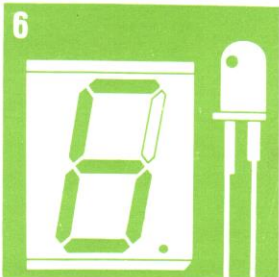
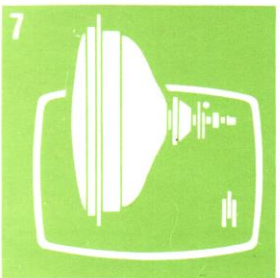
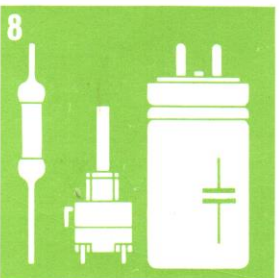
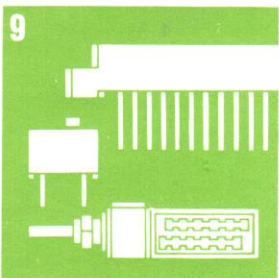
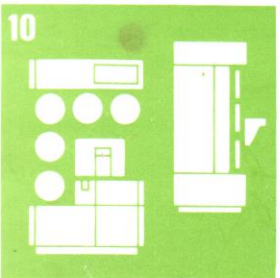


TESLA

ELEKTRONICKÉ SOUČÁSTKY
KONCERN ROŽNOV

Integrated Circuits Integrierte Schaltkreise

1		2		3		Linear Integrated Circuits	1
						Digital Integrated Circuits	2
4		5		6		Hybrid Integrated Circuits	3
						Custom Integrated Circuits	4
7		8		9		Semiconductor Devices	5
						Optoelectronic Devices	6
10						TV Picture Tubes	7
						Passive Electronic Components	8
						Connectors	9
						Production Equipment	10

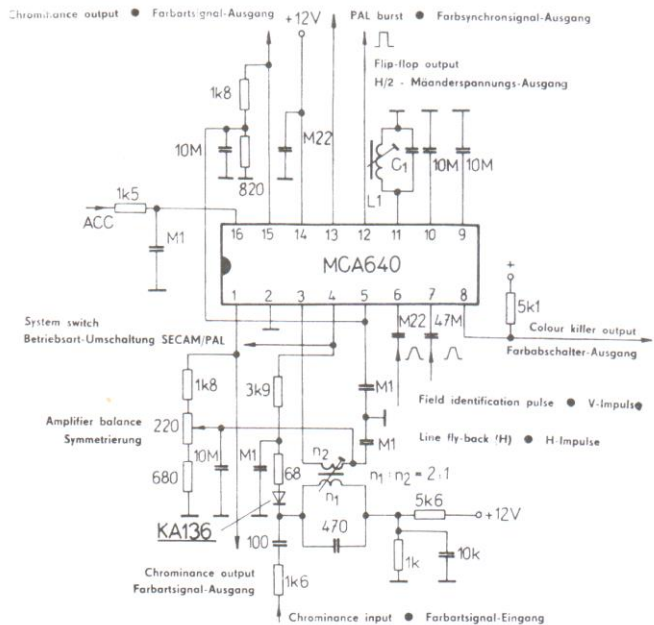
EXPORT
IMPORT
KOVO
PRAHA
CZECHOSLOVAKIA

CHROMINANCE AMPLIFIER PAL / SECAM
 INCORPORATES A COLOUR KILLER, 7,8 kHz
 FLIP-FLOP, IDENTIFICATION CIRCUIT SECAM,
 SWITCHING CIRCUITS FOR BURST GATING (PAL)
 AND IDENTIFICATION SIGNAL SECAM.
 SYSTEM SWITCH SECAM/PAL.

FARBART-KOMBINATION PAL/SECAM,
 VERSEILT FARBABSCHALTER, 7,8 kHz-FLIP-FLOP,
 SECAM-IDENTIFICATION, AUSTASTSCHALTUNG FÜR
 FARBARTSIGNAL, AUFTASTSCHALTUNG FÜR
 FARBSYNCHRONISATIONSSIGNAL.
 INTERNE PAL/SECAM-UMSCHALTUNG.

Maximum ratings ● Grenzwerte

$U_{14/2}$	min.	10,2	V
$U_{14/2}$	max.	13,2	V
P_{tot}	max.	625	mW
ϑ_a	min.-max.	-25 ... +70	°C
ϑ_{stg}	min.-max.	-25 ... +125	°C



Outlines ● Abmessungen IO 14

Characteristic data	Kenndaten	$\vartheta_a = +25^\circ\text{C}, U_{14/2} = 12\text{V}$			
Chrominance input signal SECAM PAL	Farbartsignalspannung	$U_{3/5\ M/M}$	nom.	min.-max.	mV
Line fly-back pulses (positive)	Zeilen- (H) - Rücklaufimpulse, positiv	$U_{6/2\ M/M}$		4,5 ... 12	V
Field identification pulses (positive)	Bild- (V) - Identifikationsimpulse, positiv	$U_{7/2\ M/M}$		4,0 ... 12	V
System switch signal SECAM PAL	Betriebsart-Schaltspannung	$U_{4/2}$ $U_{4/2}$		0 ... 1 7 ... $U_{14/2}$	V
Chrominance output signal PAL SECAM	Farbartsignalspannung	$U_{15/2}, U_{1/2\ M/M}$ $U_{15/2}, U_{1/2\ M/M}$		425 ... 575 1,8 ... 2,3	mV V
Flip-flop signal	7,8 kHz-Mäanderspannung	$U_{12/2\ M/M}$		2,5 ... 3,5	V
Colour killer killed	Farbabschaltung „Ein“	$U_{8/2}$ I_8		< 0,5 < 10	V mA
unkilled	„Aus“	$U_{8/2}$ I_8		= $U_{14/2}$ < 10	V μA
Supply current consumption	Gesamt-Stromaufnahme	I_{14}	40	< 47	mA
Colour killer threshold PAL	Farbabschaltspannung PAL	$U_{16/2}$	2,5		V
Information data:		Informationsdaten:			
Chrominance input signal for limiting SECAM	Farbart-Eingangssignal für SECAM-Begrenzung	$U_3\ M/M$		< 15	mV
Automatic chrominance control starting PAL	Einsatzspannung für Farbartsignal-Regelung	$U_{16/2}$	1,2	0,9 ... 1,5	V
Regulation range PAL	Regelungsbereich PAL	ΔG	26		dB
Phase difference between output colour signal PAL	Phasendifferenz zwischen den Ausgängen	$\varphi_{15/1}$		170 ... 190	°
Burst signal PAL	Farbsynchronisationssignal PAL	$U_{13/2\ M/M}$	1		V
Output resistance pin 11	Ausgangswiderstand (Ausführung 11)	$R_{11/2}$		2 ... 2,9	k Ω
Input capacitance SECAM	Eingangskapazität SECAM	C_3	2		pF