

Symbol	Typ	Titel
H	Sektion	SECTION H — ELECTRICITY
H03	Klasse	BASIC ELECTRONIC CIRCUITRY
H03D	Unterklasse	DEMODULATION OR TRANSFERENCE OF MODULATION FROM ONE CARRIER TO ANOTHER (masers, lasers H01S; circuits capable of acting both as modulator and demodulator H03C; details applicable to both modulators and frequency-changers H03C; demodulating pulses H03K 9/00; transforming types of pulse modulation H03K 11/00; coding, decoding or code conversion, in general H03M; repeater stations H04B 7/14; demodulators adapted for digitally modulated-carrier systems H04L 27/00; synchronous demodulators adapted for colour television H04N 9/66)
H03D 1/00	Hauptgruppe	Demodulation of amplitude-modulated oscillations (H03D 5/00, H03D 9/00, H03D 11/00 take precedence)
H03D 1/02	1-Punkt Untergruppe	. Details
H03D 1/04	2-Punkt Untergruppe	. . Modifications of demodulators to reduce interference by undesired signals
H03D 1/06	2-Punkt Untergruppe	. . Modifications of demodulators to reduce distortion, e.g. by negative feedback
H03D 1/08	1-Punkt Untergruppe	. by means of non-linear two-pole elements (H03D 1/22, H03D 1/26, H03D 1/28 take precedence)
H03D 1/10	2-Punkt Untergruppe	. . of diodes
H03D 1/12	3-Punkt Untergruppe	. . . with provision for equalising ac and dc loads
H03D 1/14	1-Punkt Untergruppe	. by means of non-linear elements having more than two poles (H03D 1/22, H03D 1/26, H03D 1/28 take precedence)
H03D 1/16	2-Punkt Untergruppe	. . of discharge tubes
H03D 1/18	2-Punkt Untergruppe	. . of semiconductor devices
H03D 1/20	2-Punkt Untergruppe	. . with provision for preventing undesired type of demodulation, e.g. preventing anode detection in a grid detection circuit
H03D 1/22	1-Punkt Untergruppe	. Homodyne or synchrodyne circuits
H03D 1/24	2-Punkt Untergruppe	. . for demodulation of signals wherein one sideband or the carrier has been wholly or partially suppressed
H03D 1/26	1-Punkt Untergruppe	. by means of transit-time tubes
H03D 1/28	1-Punkt Untergruppe	. by deflecting an electron beam in a discharge tube (H03D 1/26 takes precedence)
H03D 3/00	Hauptgruppe	Demodulation of angle-modulated oscillations (H03D 5/00, H03D 9/00, H03D 11/00 take precedence)
H03D 3/02	1-Punkt Untergruppe	. by detecting phase difference between two signals obtained from input signal (H03D 3/28-H03D 3/32 take precedence; limiting arrangements H03G 11/00)
H03D 3/04	2-Punkt Untergruppe	. . by counting or integrating cycles of oscillations
H03D 3/06	2-Punkt Untergruppe	. . by combining signals additively or in product demodulators
H03D 3/08	3-Punkt Untergruppe	. . . by means of diodes, e.g. Foster-Seeley discriminator
H03D 3/10	4-Punkt Untergruppe	 in which the diodes are simultaneously conducting during the same half period of the signal, e.g. ratio detector
H03D 3/12	3-Punkt Untergruppe	. . . by means of discharge tubes having more than two electrodes
H03D 3/14	3-Punkt Untergruppe	. . . by means of semiconductor devices having more than two electrodes

Symbol	Typ	Titel
H03D 3/16	3-Punkt Untergruppe	. . . by means of electromechanical resonators
H03D 3/18	2-Punkt Untergruppe	. . by means of synchronous gating arrangements
H03D 3/20	3-Punkt Untergruppe	. . . producing pulses whose amplitude or duration depends on the phase difference
H03D 3/22	2-Punkt Untergruppe	. . by means of active elements with more than two electrodes to which two signals are applied derived from the signal to be demodulated and having a phase difference related to the frequency deviation, e.g. phase detector
H03D 3/24	2-Punkt Untergruppe	. . Modifications of demodulators to reject or remove amplitude variations by means of locked-in oscillator circuits
H03D 3/26	1-Punkt Untergruppe	. by means of sloping amplitude/frequency characteristic of tuned or reactive circuit (H03D 3/28-H03D 3/32 take precedence)
H03D 3/28	1-Punkt Untergruppe	. Modifications of demodulators to reduce effect of temperature variations (automatic frequency control H03L)
H03D 3/30	1-Punkt Untergruppe	. by means of transit-time tubes
H03D 3/32	1-Punkt Untergruppe	. by deflecting an electron beam in a discharge tube (H03D 3/30 takes precedence)
H03D 3/34	1-Punkt Untergruppe	. by means of electromechanical devices (H03D 3/16 takes precedence) [3]
H03D 5/00	Hauptgruppe	Circuits for demodulating amplitude-modulated or angle-modulated oscillations at will (H03D 9/00 , H03D 11/00 take precedence)
H03D 7/00	Hauptgruppe	Transference of modulation from one carrier to another, e.g. frequency-changing (H03D 9/00, H03D 11/00 take precedence; dielectric amplifiers, magnetic amplifiers, parametric amplifiers used as frequency-changers H03F)
H03D 7/02	1-Punkt Untergruppe	. by means of diodes (H03D 7/14-H03D 7/22 take precedence)
H03D 7/04	2-Punkt Untergruppe	. . having negative resistance characteristic, e.g. tunnel diode
H03D 7/06	1-Punkt Untergruppe	. by means of discharge tubes having more than two electrodes (H03D 7/14-H03D 7/22 take precedence)
H03D 7/08	2-Punkt Untergruppe	. . the signals to be mixed being applied between the same two electrodes
H03D 7/10	2-Punkt Untergruppe	. . the signals to be mixed being applied between different pairs of electrodes
H03D 7/12	1-Punkt Untergruppe	. by means of semiconductor devices having more than two electrodes (H03D 7/14-H03D 7/22 take precedence)
H03D 7/14	1-Punkt Untergruppe	. Balanced arrangements
H03D 7/16	1-Punkt Untergruppe	. Multiple frequency-changing
H03D 7/18	1-Punkt Untergruppe	. Modifications of frequency-changers for eliminating image frequencies
H03D 7/20	1-Punkt Untergruppe	. by means of transit-time tubes
H03D 7/22	1-Punkt Untergruppe	. by deflecting an electron beam in a discharge tube (H03D 7/20 takes precedence)
H03D 9/00	Hauptgruppe	Demodulation or transference of modulation of modulated electromagnetic waves (devices or arrangements for demodulating light, transferring modulation in light waves G02F 2/00)
H03D 9/02	1-Punkt Untergruppe	. Demodulation using distributed inductance and capacitance, e.g. in feeder lines
H03D 9/04	2-Punkt Untergruppe	. . for angle-modulated oscillations
H03D 9/06	1-Punkt Untergruppe	. Transference of modulation using distributed inductance and capacitance
H03D 11/00	Hauptgruppe	Super-regenerative demodulator circuits
H03D 11/02	1-Punkt Untergruppe	. for amplitude-modulated oscillations

Symbol	Typ	Titel
H03D 11/04	2-Punkt Untergruppe	. . by means of semiconductor devices having more than two electrodes
H03D 11/06	1-Punkt Untergruppe	. for angle-modulated oscillations
H03D 11/08	2-Punkt Untergruppe	. . by means of semiconductor devices having more than two electrodes
H03D 13/00	Hauptgruppe	Circuits for comparing the phase or frequency of two mutually-independent oscillations
H03D 99/00	Hauptgruppe	<i>Subject matter not provided for in other groups of this subclass [2006.01]</i>