

1	DIGITAL PATTERN READING TYPE CONVERTER	50	DIGITAL CODE TO DIGITAL CODE CONVERTERS
2	.Plural denominationally related carriers (e.g., coarse/fine geared discs)	51	.Adaptive coding
3	.Plural types of codes on single carrier	52	.To or from particular bit symbol
4	.According to nonlinear function	53	..Bit represented by pulse width
5	.For X or Y coordinate determination (e.g., stylus-pad)	54	..Bit represented by discrete frequency
6	.With directional discrimination	55	.Substituting specified bit combinations for other prescribed bit combinations
7	.Antiambiguity feature	56	.To or from multi-level codes
8	.Real and complementary patterns	57	..Binary to or from ternary
9	.Having combined (e.g., denominational, combination code) coding pattern	58	.To or from minimum d.c. level codes
10	..Constant distance code	59	.To or from run length limited codes
11	..Incremental	60	.To or from packed format
12	..Cathode ray	61	.Data rate conversion
13	..Optical	62	..BCD (binary-coded-decimal) to or from decimal
14	..Having optical waveguide	63	.To or from bit count codes
15	..Magnetic, inductive or capacitive	64	.To or from number of pulses
16	..Brush and contacts or conductive pattern	65	..To or from Huffman codes
17	..Actuated by physical projection	66	..To or from Morse code
20	BODILY ACTUATED CODE GENERATOR	67	.To or from variable length codes
21	.For handicapped user	68	.To or from NRZ (nonreturn-to-zero) codes
22	.Including keyboard or keypad	69	..Return-to-zero to or from NRZ (nonreturn-to-zero) codes
23	..Variable key legends	70	..To or from bi-phase level code (e.g., split phase code, Manchester code)
24	..With error prevention means (e.g., debounce, antichatter)	71	..To or from bi-phase space or mark codes (e.g., double frequency code, FM code)
25	...With rollover feature (i.e., antidoublestrike)	72	..To or from delay modulation code (e.g., Miller code, three frequency code, MFM code)
26	..With particular key scanning feature	73	..To or from coded mark inversion
27	..With audible or tactile indicator	74	..To or from double density code
28	..For pictorial or ideographic characters (e.g., design, chinese or japanese characters)	75	.To or from nonlinear codes
29	..With variable pulse spacing or grouping	76	.To or from differential codes
30	..For numerical pulse type transmission	77	..To or from delta modulation codes
31	..Photoelectric actuation	78	.Programmable structure
32	..Magnetic or inductive actuation	79	.Tree structure
33	..Capacitive actuation	80	.To or from fibonacci codes
34	..Pressure sensitive actuation	81	.To or from interleaved format
35	..With rotary dial	82	.To or from mixed code formats
		83	.To or from mixed base codes
		84	..Binary to BCD (binary-coded decimal)

85	..BCD (binary-coded decimal) to binary	124	.Sampled and held input signal with linear return to datum
86	.Generator runs until new code is generated	125	.Sampled and held input signal with nonlinear return to datum
87	.Unnecessary data suppression	126	ANALOG TO OR FROM DIGITAL CONVERSION
88	.Multiple conversions using same converter	127	.Bipolar
89	.Reversible converters	128	..Dual slope analog to digital converter
90	.To or from alphanumeric code formats	129	..Plural slope analog to digital converter
91	..To or from Baudot code		.Difunction code as output
92	..To or from Hollerith code	130	.Increasing converter resolution (e.g., dithering)
93	.Complementers	131	.Detecting analog signal peak
94	.With error detection or correction	132	.With particular solid state devices (e.g., Gunn effect device, Josephson device, drift transistor, using solid state active devices as impedances) with other at longer intervals)
95	.Byte length changed	133	..Integrated injection logic
96	.To or from constant distance codes		..Current mirror
97	..Gray to binary		..Field effect transistor
98	..Binary to Gray		.Using optical device, (e.g., fiber optics, cathode ray tubes)
99	.To or from display device codes		.Nonlinear
100	.Serial to parallel		..Automatic control for increasing converter range (e.g., gain ranging, automatic gain control)
101	.Parallel to serial	134	..Linearization (e.g., nonlinear transfer characteristic compensates for nonlinear transducer)
102	.To or from "N" out of "M" codes	135	.Multiplex
103	.. "N" out of "M" to "X" out of "Y"	136	.Converter is part of control loop
104	.Binary to decimal	137	.Differential encoder and/or decoder (e.g., delta modulation, differential pulse code modulation)
105	.Decimal to binary		.Digital to analog conversion
106	.Coding by table look-up techniques	138	..Coarse and fine conversions
107	.To or from code based on probability	139	..Serial conversion
108	REVERSIBLE ANALOG TO DIGITAL CONVERTERS	140	..Function generator
109	STOCHASTIC TECHNIQUES		..Tree structure
110	ANALOG TO DIGITAL CONVERSION FOLLOWED BY DIGITAL TO ANALOG CONVERSION	141	..Using magnetic or cryogenic components
111	PHASE OR TIME OF PHASE CHANGE	142	..Using charge coupled devices or switched capacitances
112	.Synchro or resolver signal	143	
113	..Coarse and fine		
114	..Control system		
115	..Converter compensation		
116	..Analog resolver or synchro signal to digital signal	144	
117	..Digital signal to analog resolver or synchro signal	145	
118	CONVERTER COMPENSATION	146	
119	.Temperature compensation	147	
120	CONVERTER CALIBRATION OR TESTING	148	
121	.Trimming control circuits	149	
122	SAMPLE AND HOLD	150	
123	.Having variable sampling rate		

151	..Analog output represents a displacement or force	188	..Serial pulse number actuation
152	..With intermediate conversion of digital value to time interval	189	..Pulse gating
153	..Using weighted impedances	190	..Mechanical switch feature
154	..Using ladder network	191	.With gaseous or space discharge device feature
155	.Analog to digital conversion	192	.With rotary distributor
156	..Coarse and fine conversions	200	QUANTIZER
157	..Intermediate conversion to frequency or number of pulses	899	MISCELLANEOUS
158	..Analog input compared with static reference		
159	...Parallel type		
160	...Including priority encoder		
161	...Acting sequentially		
162	...Serial conversions with change in signal		
163	...Recirculating		
164	...Single comparator and counter		
165	...Single comparator and digital storage		
166	..Intermediate conversion to time interval		
167	...Dual slope		
168	...Plural slope		
169	...Input signal compared with linear ramp		
170	...Input signal compared with nonlinear ramp		
171	..Using magnetic or cryogenic components		
172	..Using charge transfer devices (e.g., charge coupled devices, charge transfer by switched capacitances)		
173	CODE GENERATOR OR TRANSMITTER		
174	.Plural transmitters		
175	.With code display at transmitter		
176	.Transmitter for remote control signal		
177	.Producing different pulse frequencies		
178	.With variable pulse spacing or grouping		
179	..Plural pulse shapes		
180	..Plural channels		
181	..Carrier frequency variation		
182	..With variable pulse length		
183	..Pulse presence or absence in equal length code		
184	.Numerical pulse type		
185	..Multistage		
186	..With gaseous or space discharge device		
187	..Having counter or register		

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