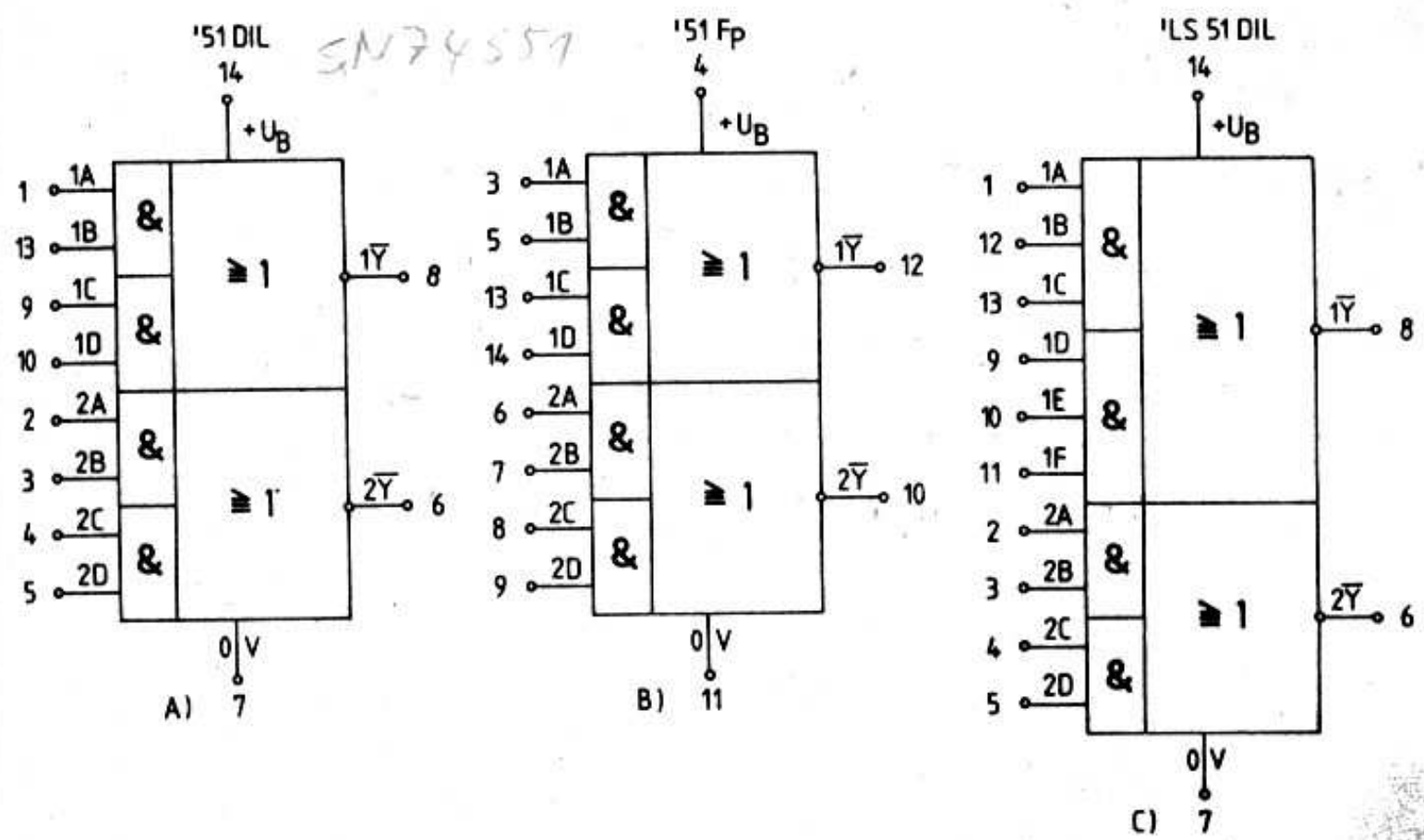


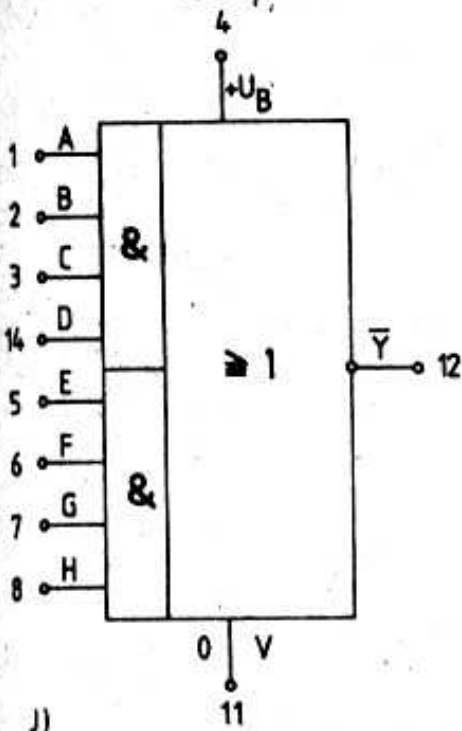
3.9.1.3. Nichtexpandierbare AND/OR/NOT-Gatter

Typ	I_{SH} mA	I_{SL} mA	I_{OH} mA	t_{DHL} ns	t_{DLH} ns	N_{IL}	N_{OH}	N_{OL}	Pb.	Bemerkungen
'51	4,0	7,4	-0,4	8,0	13	1	10	10	A, B, M	1)
'H51	10,6*		-0,5		6,5*	1	10	10	A, B, M	1)
'L51	0,4	0,8	-0,2	35	50	1	20	20	C, D	2), 3)
'LS51	0,8	1,4	-0,4	6,0	8,0	1	20	22	C	2), 3)
'S51	8,2	13,6	-1,0	3,5	3,5	1	20	10	A	1)
'54	4,0	5,1	-0,4	8,0	13	1	10	10	E, F	4)
'H54	8,2*		-0,5		6,5*	1	10	10	N, O	5)
'L54	0,4	0,6	-0,2	35	50	1	20	20	G	6)
'L54	0,4	0,6	-0,2	35	50	1	20	20	H	7)
'LS54	0,8	1,0	-0,4	7,0	15	1	20	22	G	6)
'L55	0,2	0,4	-0,2	35	50	1	20	20	I, J	8)
'LS55	0,4	0,7	-0,4	6,0	9,0	1	20	22	I	8)
'F64	1,8	2,2	-1,0		3,0*	1	20	10	K	9)
'S64	7,0	8,5	-1,0	3,5	3,5	1	20	10	K	9)
'S65	6,0	8,5	0,25 ¹³⁾	5,0	5,5	1		10	K	10)
'LP341	1,0*			200	200	4	10	10	L	11)/3)
'LP342	0,8*			200	200	4			P	12)

- 1) $Y = \overline{(AB) + (CD)}$; 2) $1Y = \overline{(1A \cdot 1B \cdot 1C) + (1D \cdot 1E \cdot 1F)}$; 3) $2Y = \overline{(2A \cdot 2B) + (2C \cdot 2D)}$;
 4) $Y = \overline{(AB) + (CD) + (EF) + (GH)}$; 5) $Y = \overline{(AB) + (BC) + (EFG) + (HI)}$;
 6) $Y = \overline{(AB) + (CDE) + (FGH) + (IJ)}$; 7) $Y = \overline{(ABC) + (DE) + (FG) + (HIJ)}$;
 8) $Y = \overline{(ABCD) + (EFGH)}$; 9) $Y = \overline{(ABCD) + (EF) + (GHI) + (JK)}$;
 10) o.K., $Y = \overline{(ABCD) + (EF) + (GHI) + (JK)}$; 11) $1Y = \overline{(1A \cdot 1B \cdot 1C \cdot 1D) + (1E \cdot 1F)}$;
 12) $Y = \overline{(AB) + (CD) + (EFG) + (HIJK)}$; 13) I_{CEX}

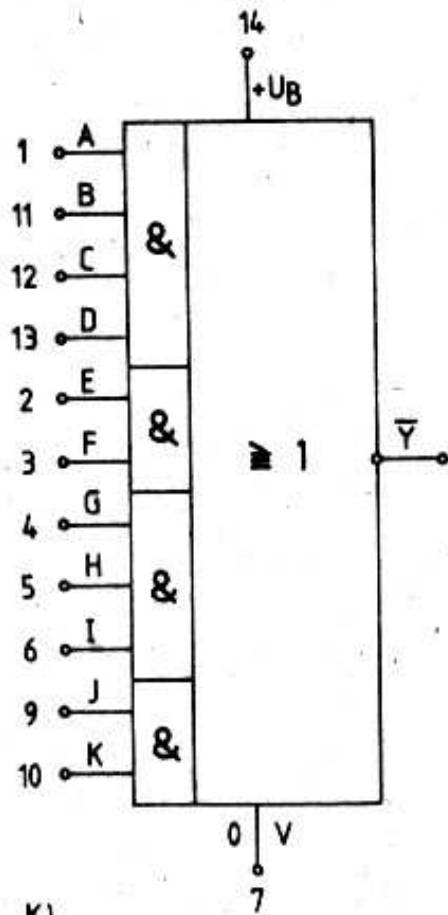


'L55 Fp



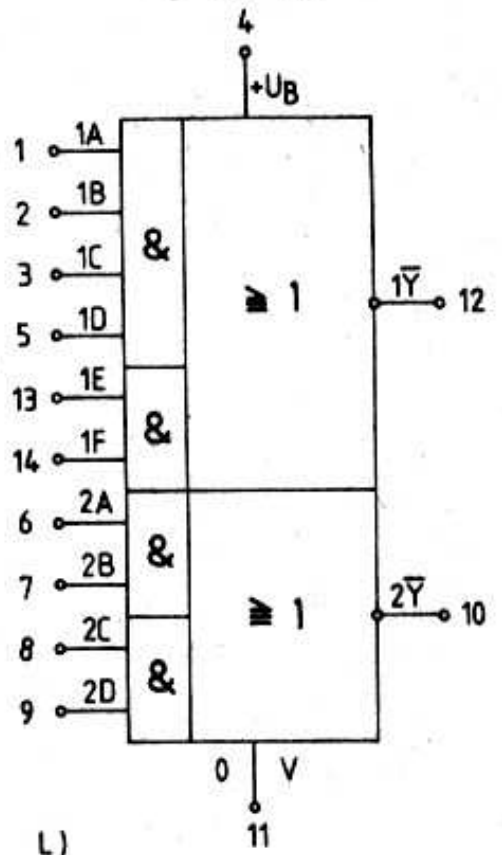
J)

'S64



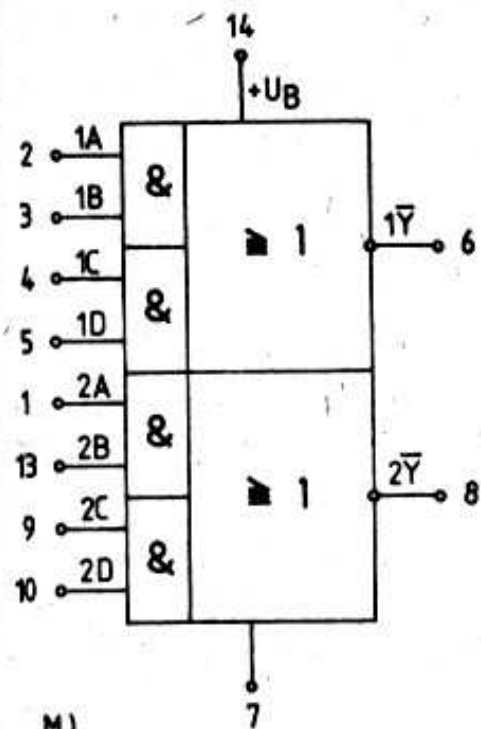
K)

'ЛР 341



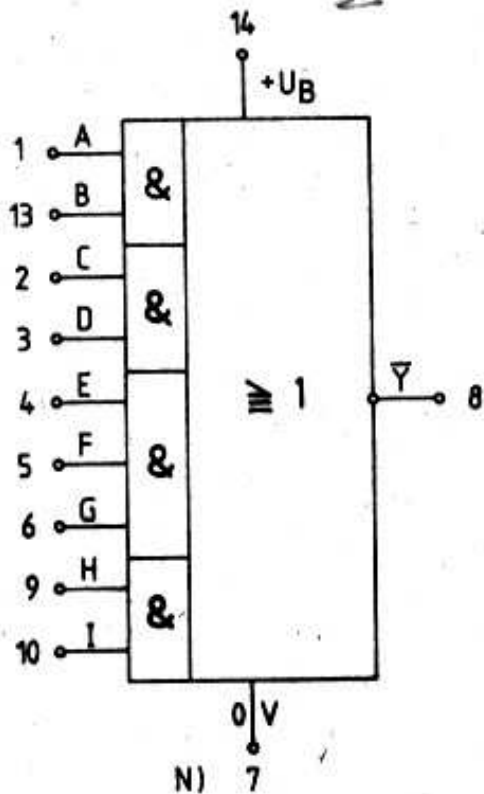
L)

'51



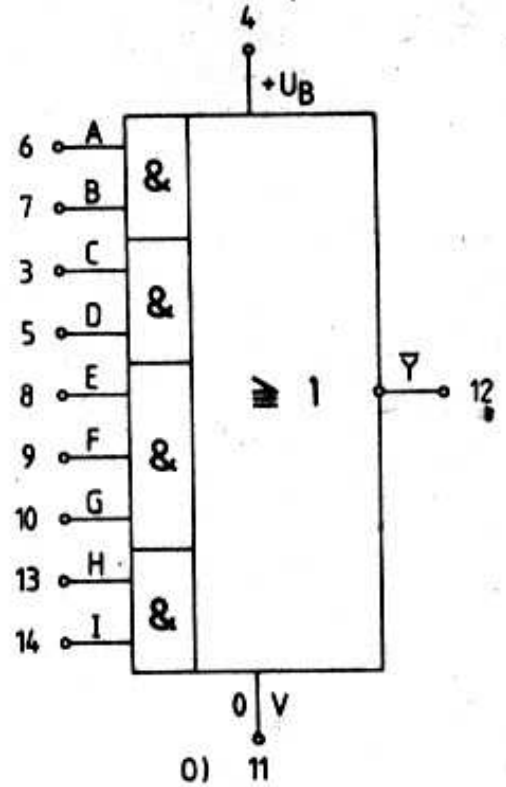
M)

'H54 DIL



N)

'H54 Fp



O)

2254