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(73) 7가 94 - 46

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(54)

: 가 .

: (R6) 가 (VR) (C4) (Q2,Q3)  
(RY) 가 (RY) (FET)  
(RY) , (P.T) (RY) (RY)  
H" (Q6) (RY) (Q1) (RY) (RY) "

1

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L1,L2 , S1 ON , S2 OFF , R1 . FET , Q1 NPN  
 , P.T . OCR , MC . Q2~Q7 , LED  
 VR 가 . C1 . L1~L2 , D1~D9 . Sw . C2~C6  
 . ZD . R1~R10 .

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가 ON 가 가 가

가 LED 가 ,

L1,L2 AC , (L1,L2) ON (S1) OFF  
 (S1) (S2) (MC')가 (MC) (DCR)가

SDDR , (L2) AC (C1) (L1) (D1,D2)  
 (RL) (C2)(C3) (D3) (L2) (ZD) 가 ( (D6) (R6) 가 (VR) (C4) , (Q2,Q3) (D7) (C5) (R7) (Q4,Q5) 가 , (Q6) 가 (RL) (FET) , (Q7) (LED)

, ON (RL) (R8) ON NPN OFF (Q1) (R5)  
 (T.T) (P.T) 가

D4,D5,D9 , R2,R3,R4,R9,R10 , C6 , SW

D1,D2) (L2) (ZD) AC (D6) (C1) (L1) (C4) (C2) (D3) (C3)

(MC) ON (S1) (MC') (L2) (R8) (Q1) (F)

ET) (R10) (MC') (Q6) " L" (R8) (Q1) (F)

(RL)가 (Q4) " H" 가 (FET) (Q5) (RY) 가 (P.T) (Q6) " L" 가 (LED)가

ON (P.T) 가 OFF (VR) (D7) (S2) (R6) 가 (VR) (MC)가 (MC') (Q3) " L"

(Q2) " L" (C4) " H" (Q3) (VR) " H" (D6) (Q4) (R)

Y) (Q6) OHH , (S& ) " H" 가 (FET)가 OFF (LED)

(RY) (P.T) (LED) AC (C4) 가 (VR) OFF

(57)

1.

(D6) (R6) 가 (VR) (C4) (Q6) (R3)

(Q2,Q3) 가 (RY) (FET)

2.

1 (R8) (RY) (Q1) 가 (Q1)

3.

1 (RY) (P.T) (Q7) (LED)

