

(19)
(12)

(KR)
(Y1)

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20-0344389
2004 02 28

(21) 20-2003-0037800
(22) 2003 12 04

(73) 1 639

(72) 3 1 (101-114)110 1104

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(54)

12V 가 가 가 15V 가 (+) 가
가 가 2V (Drop) 가
1.1-12V (A/D)

4

(1), , (6), () (BNP), (2), A/D (5,9)

1

2

3

4

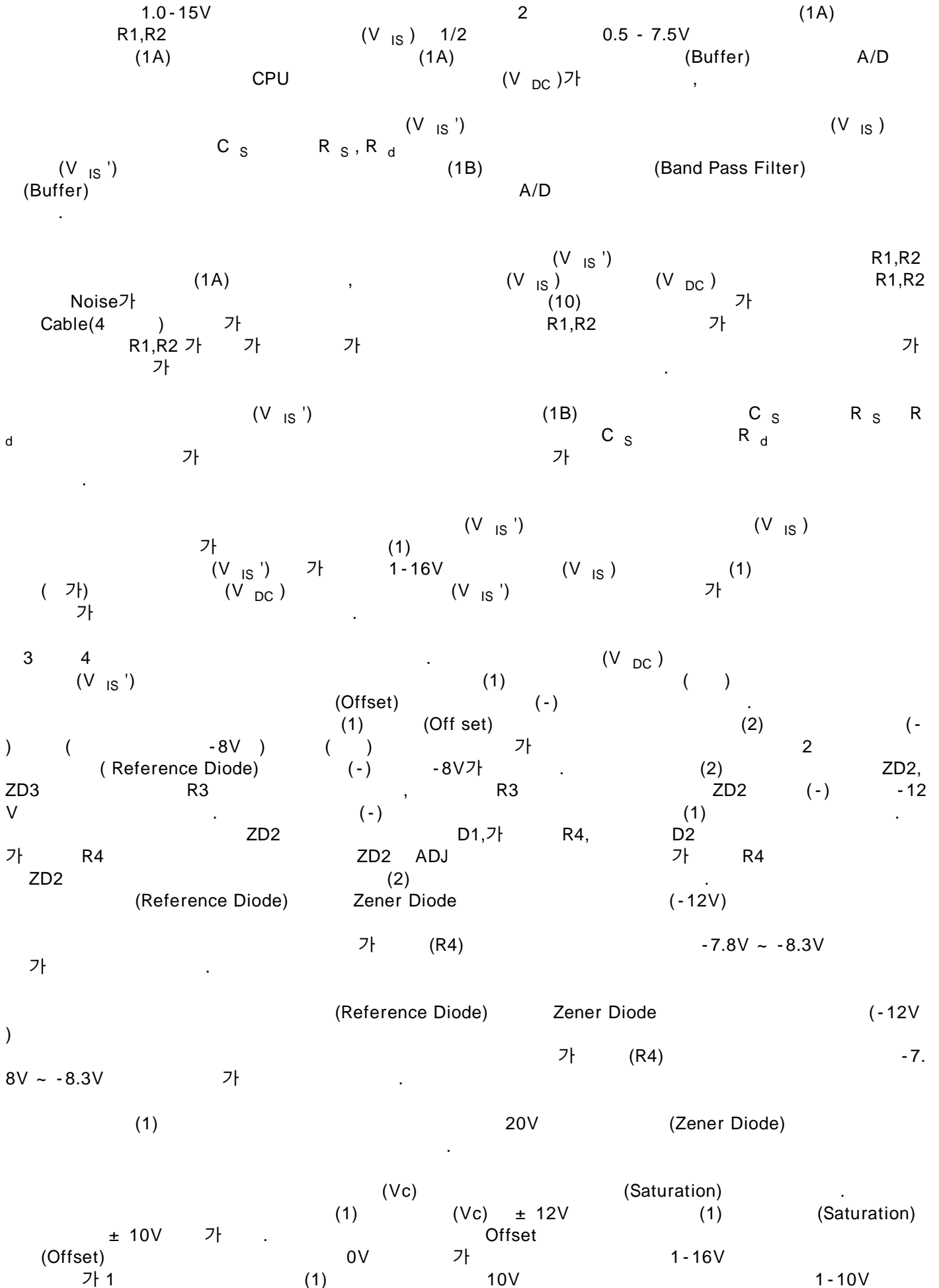
가 ()
)V_{IS'} I_S 가 가

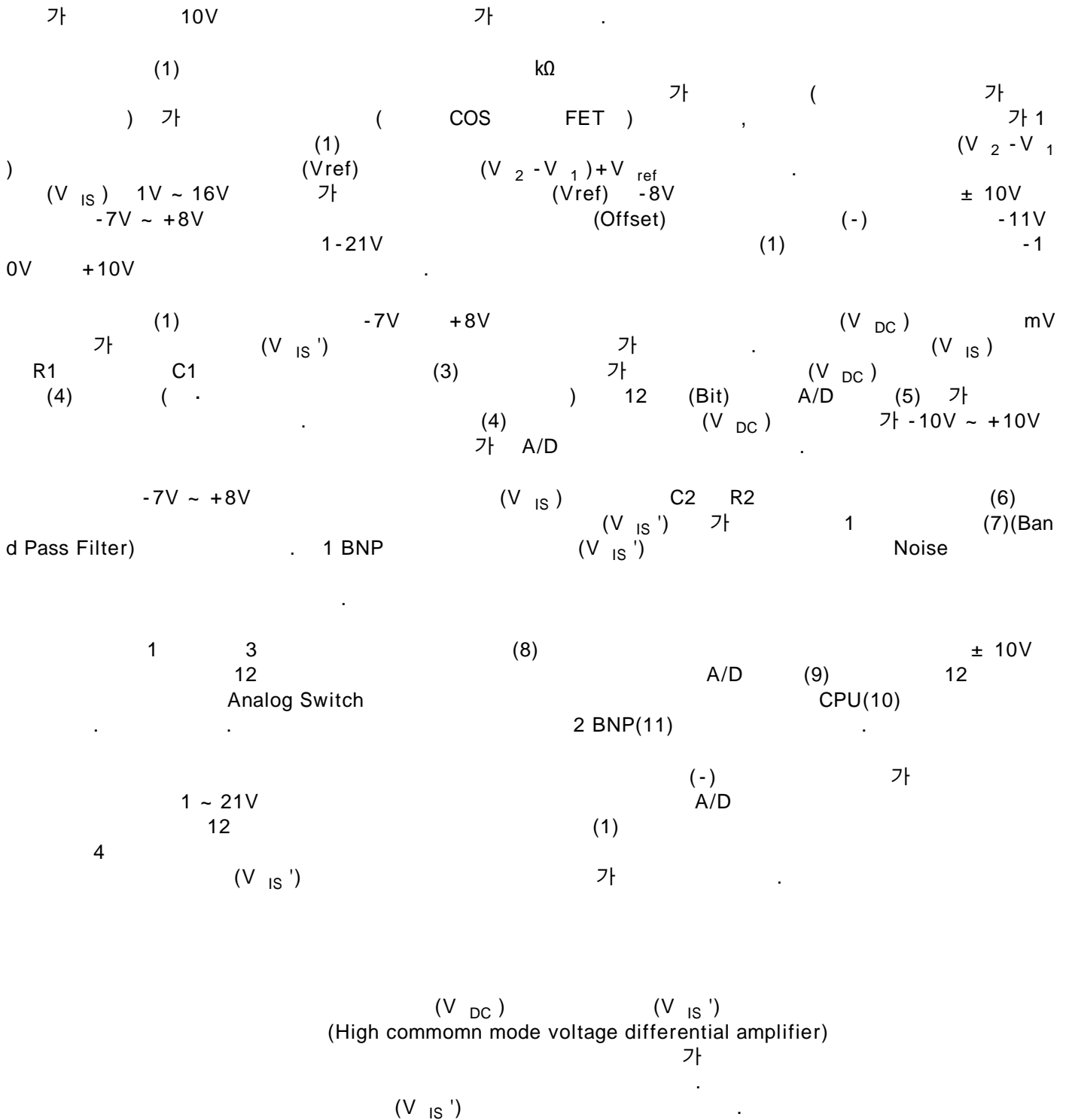
1) I_S 4 가 Source Plug (, I_S)
 (V_{IS'}) Sense (,)

가 1 (m) A/D 가 (V_{DC})
 1.0-15V (V_{DC}) 가 1 mV Noise가 (MPU) A/D
 가 . 가 (Fuse) ,
 4 4 가 . ,

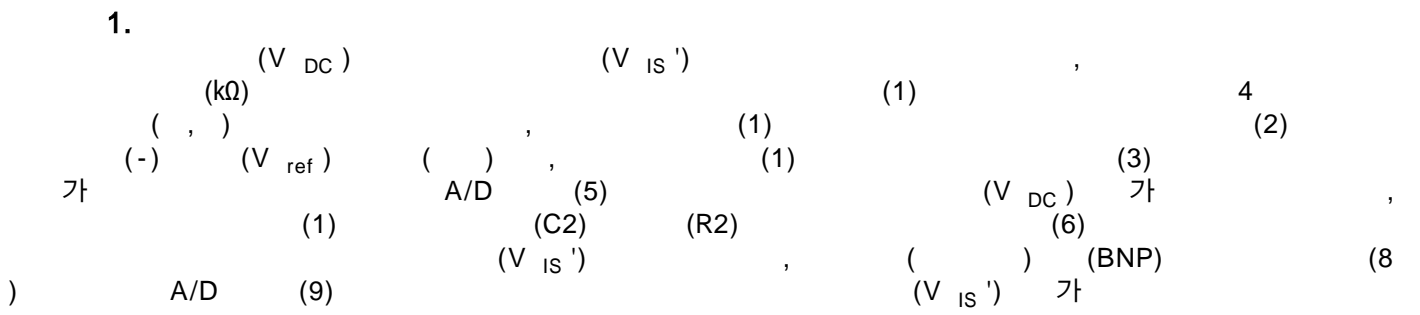
(High commomn mode voltage differential amplifier)
 A/D

U) () 4 (V_{DC}) (V_{IS}) (V_{IS'}) (CP
 (V_{DC}) (V_{IS'}) 가 (High Input commomn
 mode voltage) ,
 (A/D CPU) (V_{IS'}) 가 .





(57)

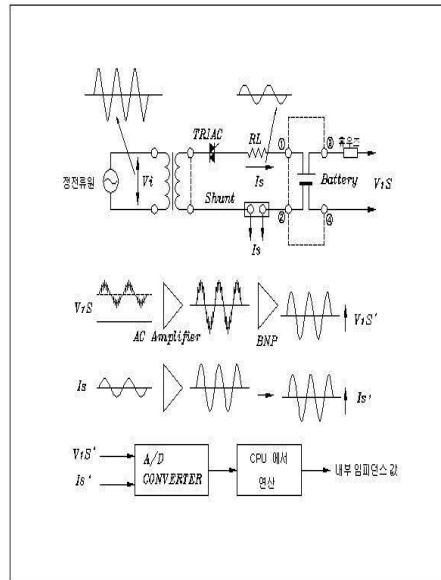


2. 1 , (2) 2 ZD2, ZD3 R3
 (-) D1,가 R4, D2 가 , 가 R4
 ZD2 ZD2 ADJ (V_{ref}) 가 R4
 가 가

3. 1 ,

(K ohm) (1) 가 ,
 (-) (2)가 .

1



2

