















































		Again, find the correct part #						
recom	mended operating conditions (see Note 3)							
			SN5404			SN7404		
		MIN	NOM	MAX	MIN	NOM	MAX	
VCC	Supply voltage	4.5	5	5.5	4.75	5	5.25	<u> </u>
VIH	High-level input voltage	2			2			V
VIL	Low-level input voltage			0.8			0.8	V
ЮН	High-level output current			-0.4			-0.4	mA
IOL	Low-level output current			16			16	mA
	Operating free-air temperature	-55		125	0		70	°C
TA I			4		Defer		applicat	ion report

6. <u>Recommended Operating Conditions</u> (cont'd)

electrical characteristics over recommended operating free-air temperature range (unless otherwise noted)

TEAT ADVIDITIONAL		SN5404			SN7404				
TEST CONDITIONS [‡]			MIN	TYP§	MAX	MIN	TYP§	MAX	UNIT
V _{CC} = MIN,	l _l = – 12 mA				-1.5			-1.5	۷
V _{CC} = MIN,	V _{IL} = 0.8 V,	I _{OH} = -0.4 mA	2.4	3.4		2.4	3.4		V
V _{CC} = MIN,	V _{IH} = 2 V,	l _{OL} = 16 mA		0.2	0.4		0.2	0.4	۷
	V _{CC} = MIN, V _{CC} = MIN, V _{CC} = MIN,	$\label{eq:VCC} \begin{array}{ll} \textbf{TEST CONDITION}\\ \textbf{V}_{CC} = \textbf{MIN}, & \textbf{I}_{I} = -12 \mbox{ mA}\\ \textbf{V}_{CC} = \textbf{MIN}, & \textbf{V}_{IL} = 0.8 \mbox{ V},\\ \textbf{V}_{CC} = \textbf{MIN}, & \textbf{V}_{IH} = 2 \mbox{ V}, \end{array}$	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	$\begin{tabular}{ c c c c c c } \hline TEST CONDITIONS$^+ & \hline MIN \\ \hline V_{CC} = MIN, & I_{I} = -12 mA & \hline \\ V_{CC} = MIN, & V_{IL} = 0.8 V, & I_{OH} = -0.4 mA & 2.4 \\ \hline V_{CC} = MIN, & V_{IH} = 2 V, & I_{OL} = 16 mA & \hline \\ \hline \end{tabular}$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\label{eq:conditions} \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

25