



PAD NO.	FUNCTIONS
1	GND
2	+ I/P
3	- I/P
4	VEE
5	BALANCE
6	BALANCE/STROBE
7	OUTPUT
8	VCC

HMC - QA
 ISSUE No. CHECKED
 VALID TILL 27/04/2012
 SIGN: *[Signature]*
 DATE: 28/10/2011

SYMBOL	PARAMETER	LIMITS			TEST CONDITIONS
		MIN.	MAX.	UNIT	
V _{IO}	INPUT OFFSET VOLTAGE	-	4	mV	R _S 5K OHMS V ± 15V
I _{IO}	INPUT OFFSET CURRENT	-	10	mA	V ± = 15V
I _{IB}	INPUT BIAS CURRENT	-	100	mA	V ± = 15V
I ₊	POSITIVE SUPPLY CURRENT	-	6	mA	V ± = 15V
I ₋	NEGATIVE SUPPLY CURRENT	-	5	mA	V ± = 15V
A	VOLTAGE GAIN	150	-	V/mV	V ± = 15V
	RESPONSE TIME	150	-	nS	V ± = 15V

SUPPLIER: - NATIONAL SEMICONDUCTOR

02	LM111/01	18.02.08	ORIGINAL						
ISS NO.	CN NO.	DATE	CHANGE	DO	ENG	APVD	NUMBER	ITEM	QTY
MATERIAL			FINISH	PROJECTION		CHANS	NEXT ASSEMBLY	HELD IN	
				⑩		21 111		HMC	
DRAWN	CHECKED	ENGINEER	SCALE	TITLE					
S.H.V.RAJ	<i>[Signature]</i>	JILEESH	1:50	LM111 - COMPARATOR					