

UNDER DEVELOPMENT

DESCRIPTION

The TK17031F are general-purpose dual operational amplifiers. It is suitable for any portable equipment, which require small mounting space.

FEATURES

- Low Operating Voltage $V_{OP}=2.0\sim 10.0V$
- Slew Rate $SR=0.75V/\mu sec$
- Gain Bandwidth Product $GB=2.0MHz$
- Small Package $SOP-8, SOT23L-8$

APPLICATIONS

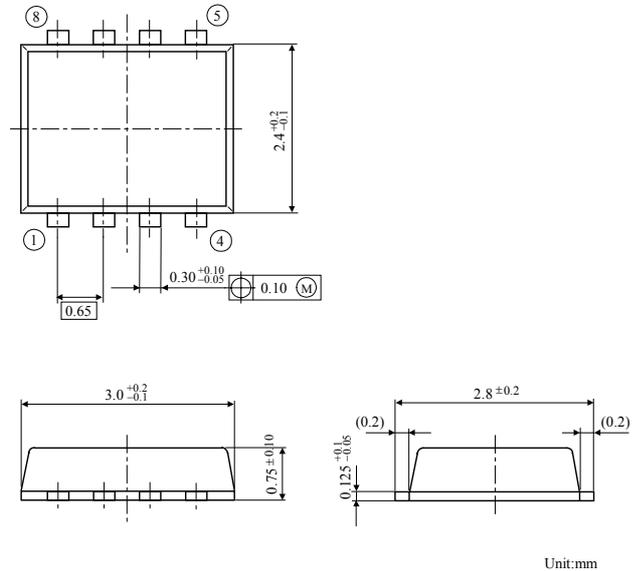
- General Purpose
- Portable Equipment which require low operating voltage

ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Value (TYP)	Unit
Operating Voltage Range	V_{OP}	2.0~10.0	V
Operating Temp. Range	T_{OP}	-20~+75	°C
Supply Current	I_{CC}	0.7	mA
Input Offset Voltage	V_{IO}	1	mV
Input Offset Current	I_{IO}	5	nA
Input Bias Current	I_{IB}	25	nA
Input Common Mode Voltage Range	V_{ICMR}	0~ $V_{CC}-1.5$	V
Maximum Output Voltage	V_{OM}	3.5~	V
Output Source Current	I_{SO}	40	mA
Output Sink Current	I_{SI}	20	mA
Common Mode Rejection Ratio	C_{MRR}	85	dB
Supply Voltage Rejection Ratio	S_{VRR}	100	dB
Open Voltage Gain	G_{VO}	100	dB
Slew Rate	SR	0.75	V/ μs
Gain-Bandwidth Product	GB	2.0	MHz

PACKAGE OUTLINE

■ SON-8



BLOCK DIAGRAM

