

DATA SHEET



PCA9544

4-channel I²C multiplexer with interrupt logic

Product data
Supersedes data of 2002 Feb 20

2002 Jul 26

4-channel I²C multiplexer with interrupt logic

PCA9544



FEATURES

- 1-of-4 bi-directional translating multiplexer
- I²C interface logic; compatible with SMBus
- 4 Active Low Interrupt Inputs
- Active Low Interrupt Output
- 3 address pins allowing up to 8 devices on the I²C bus
- Channel selection via I²C bus
- Power up with all multiplexer channels deselected
- Low R_{dsON} switches
- Allows voltage level translation between 1.8 V, 2.5 V, 3.3 V and 5 V buses
- No glitch on power-up
- Supports hot insertion
- Low stand-by current
- Operating power supply voltage range of 2.3 V to 5.5 V
- 5 V tolerant Inputs
- 0 to 400 kHz clock frequency
- ESD protection exceeds 2000 V HBM per JESD22-A114, 150 V MM per JESD22-A115 and 1000 V per JESD22-C101
- Latchup testing is done to JESDEC Standard JESD78 which exceeds 100 mA
- Three packages offered: SO20, TSSOP20, and HVQFN20

ORDERING INFORMATION

PACKAGES	TEMPERATURE RANGE	ORDER CODE	TOPSIDE MARK	DRAWING NUMBER
20-Pin Plastic SO	-40 to +85 °C	PCA9544D	PCA9544D	SOT163-1
20-Pin Plastic TSSOP	-40 to +85 °C	PCA9544PW	PCA9544	SOT360-1
20-Pin Plastic HVQFN	-40 to +85 °C	PCA9544BS	9544	SOT662-1

Standard packing quantities and other packaging data are available at www.philipslogic.com/packaging.

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DESCRIPTION

The PCA9544 is a 1-of-4 bi-directional translating multiplexer, controlled via the I²C bus. The SCL/SDA upstream pair fans out to four SCx/SDx downstream pairs, or channels. Only one SCx/SDx channel is selected at a time, determined by the contents of the programmable control register. Four interrupt inputs, $\overline{\text{INT}}0$ to $\overline{\text{INT}}3$, one for each of the SCx/SDx downstream pairs, are provided. One interrupt output, $\overline{\text{INT}}$, which acts as an AND of the four interrupt inputs, is provided.

A power-on reset function puts the registers in their default state and initializes the I²C state machine with no channels selected.

The pass gates of the multiplexer are constructed such that the V_{DD} pin can be used to limit the maximum high voltage which will be passed by the PCA9544. This allows the use of different bus voltages on each SCx/SDx pair, so that 1.8 V, 2.5 V or 3.3 V parts can communicate with 5 V parts without any additional protection. External pull-up resistors pull the bus up to the desired voltage level for each channel. All I/O pins are 5 V tolerant.

4-channel I²C multiplexer with interrupt logic

PCA9544

PIN CONFIGURATION — SO, TSSOP

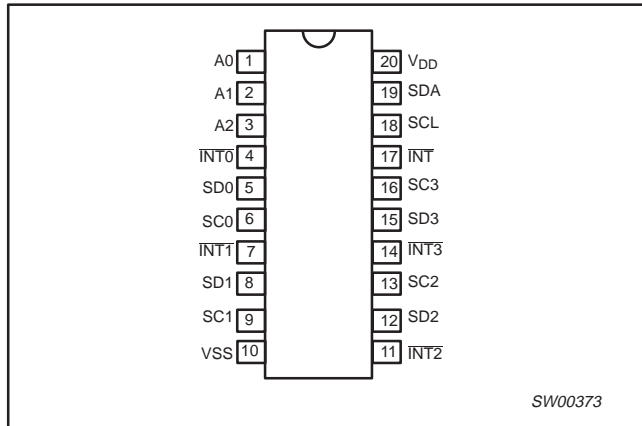


Figure 1. Pin configuration — SO, TSSOP

PIN CONFIGURATION — HVQFN

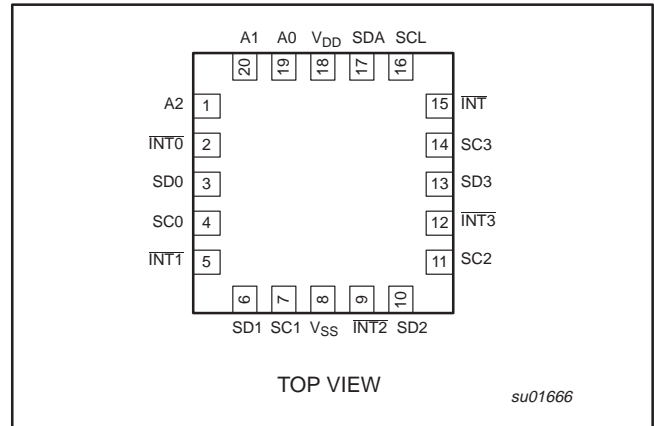


Figure 2. Pin configuration — HVQFN

PIN DESCRIPTION

SO, TSSOP PIN NUMBER	HVQFN PIN NUMBER	SYMBOL	FUNCTION
1	19	A0	Address input 0
2	20	A1	Address input 1
3	1	A2	Address input 2
4	2	INT0	Active LOW interrupt input 0
5	3	SD0	Serial data 0
6	4	SC0	Serial clock 0
7	5	INT1	Active LOW interrupt input 1
8	6	SD1	Serial data 1
9	7	SC1	Serial clock 1
10	8	V _{SS}	Supply ground
11	9	INT2	Active LOW interrupt input 2
12	10	SD2	Serial data 2
13	11	SC2	Serial clock 2
14	12	INT3	Active LOW interrupt input 3
15	13	SD3	Serial data 3
16	14	SC3	Serial clock 3
17	15	INT	Active LOW interrupt output
18	16	SCL	Serial clock line
19	17	SDA	Serial data line
20	18	V _{DD}	Supply voltage

4-channel I²C multiplexer with interrupt logic

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BLOCK DIAGRAM

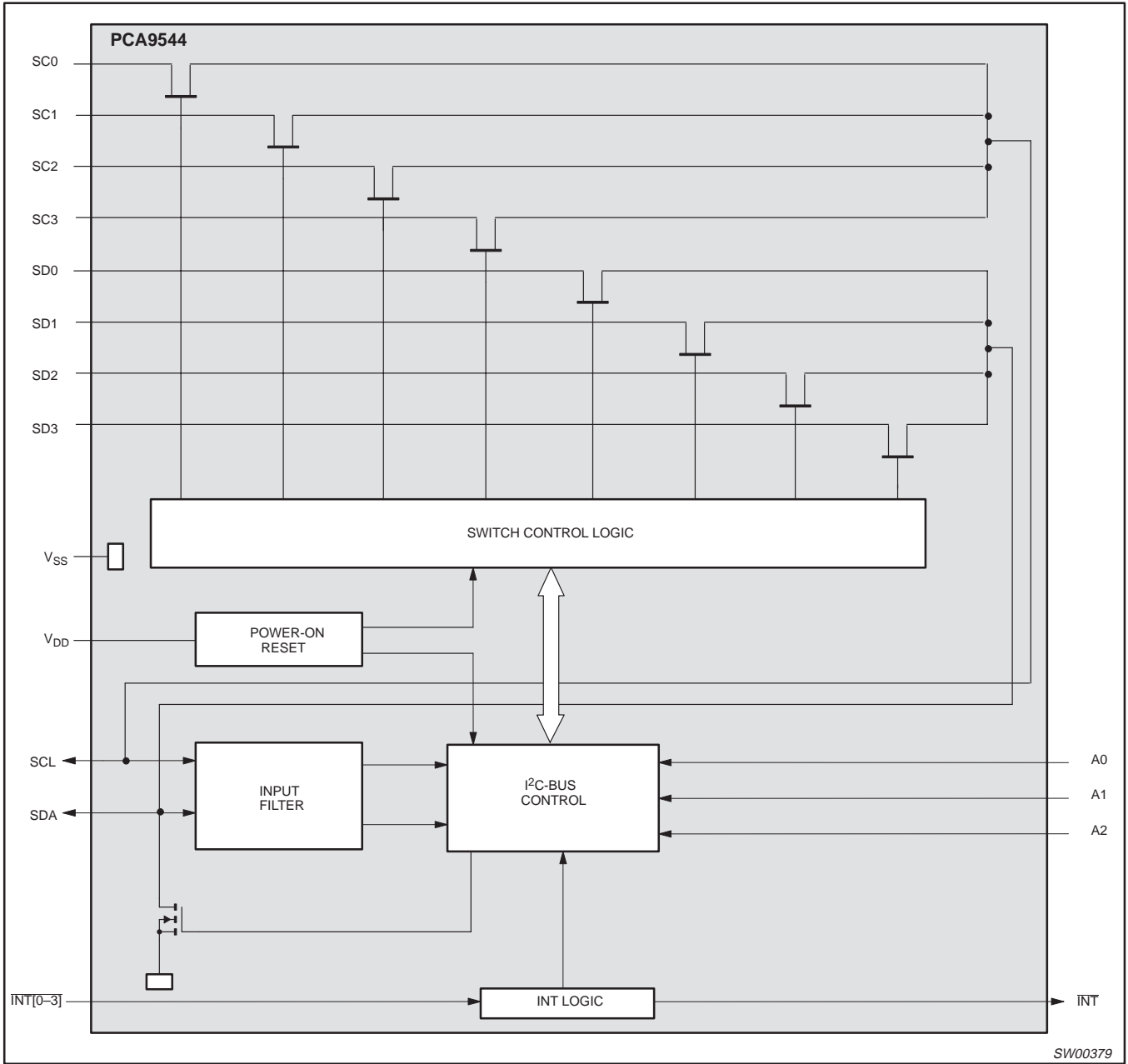


Figure 3. Block diagram

4-channel I²C multiplexer with interrupt logic

PCA9544

DEVICE ADDRESSING

Following a START condition the bus master must output the address of the slave it is accessing. The address of the PCA9544 is shown in Figure 4. To conserve power, no internal pullup resistors are incorporated on the hardware selectable address pins and they must be pulled HIGH or LOW.

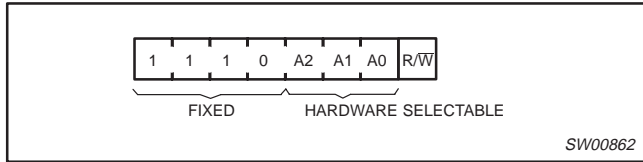


Figure 4. Slave address

The last bit of the slave address defines the operation to be performed. When set to logic 1, a read is selected while a logic 0 selects a write operation.

CONTROL REGISTER

Following the successful acknowledgement of the slave address, the bus master will send a byte to the PCA9544 which will be stored in the Control Register. If multiple bytes are received by the PCA9544, it will save the last byte received. This register can be written and read via the I²C bus.

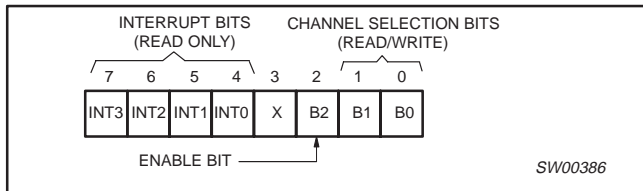


Figure 5. Control register

CONTROL REGISTER DEFINITION

A SCx/SDx downstream pair, or channel, is selected by the contents of the control register. This register is written after the PCA9544 has been addressed. The 3 LSBs of the control byte are used to determine which channel is to be selected. When a channel is selected, it will become active after a stop condition has been placed on the I²C bus. This ensures that all SCx/SDx lines will be in a HIGH state when the channel is made active, so that no false conditions are generated at the time of connection.

Table 1. Control Register; Write — Channel Selection/ Read — Channel Status

INT3	INT2	INT1	INT0	D3	B2	B1	B0	COMMAND
X	X	X	X	X	0	X	X	No channel selected
X	X	X	X	X	1	0	0	Channel 0 enabled
X	X	X	X	X	1	0	1	Channel 1 enabled
X	X	X	X	X	1	1	0	Channel 2 enabled
X	X	X	X	X	1	1	1	Channel 3 enabled

INTERRUPT HANDLING

The PCA9544 provides 4 interrupt inputs, one for each channel and one open drain interrupt output. When an interrupt is generated by any device, it will be detected by the PCA9544 and the interrupt output will be driven LOW. The channel need not be active for detection of the interrupt. A bit is also set in the control byte. Bits 4 – 7 of the control byte correspond to channels 0 – 3 of the PCA9544, respectively. Therefore, if an interrupt is generated by any device connected to channel 2, the state of the interrupt inputs is loaded into the control register when a read is accomplished. Likewise, an interrupt on any device connected to channel 0 would cause bit 4 of the control register to be set on the read. The master can then address the PCA9544 and read the contents of the control byte to determine which channel contains the device generating the interrupt. The master can then reconfigure the PCA9544 to select this channel, and locate the device generating the interrupt and clear it. The interrupt clears when the device originating the interrupt clears.

It should be noted that more than one device can be providing an interrupt on a channel, so it is up to the master to ensure that all devices on a channel are interrogated for an interrupt.

The interrupt inputs may be used as general purpose inputs if the interrupt function is not required.

If unused, interrupt input(s) must be connected to V_{DD} through a pull-up resistor.

Table 2. Control Register Read — Interrupt

INT3	INT2	INT1	INT0	D3	B2	B1	B0	COMMAND
X	X	X	0	X	X	X	X	No interrupt on channel 0
X	X	X	1	X	X	X	X	Interrupt on channel 0
X	X	0	X	X	X	X	X	No interrupt on channel 1
X	X	1	X	X	X	X	X	Interrupt on channel 1
X	0	X	X	X	X	X	X	No interrupt on channel 2
X	1	X	X	X	X	X	X	Interrupt on channel 2
0	X	X	X	X	X	X	X	No interrupt on channel 3
1	X	X	X	X	X	X	X	Interrupt on channel 3

NOTE: Several interrupts can be active at the same time.

Ex: INT3 = 0, INT2 = 1, INT1 = 1, INT0 = 0, means that there is no interrupt on channels 0 and 3, and there is interrupt on channels 1 and 2.

POWER-ON RESET

When power is applied to V_{DD}, an internal Power On Reset holds the PCA9544 in a reset state until V_{DD} has reached V_{POR}. At this point, the reset condition is released and the PCA9544 registers and I²C state machine are initialized to their default states, all zeroes causing all the channels to be deselected.

4-channel I²C multiplexer with interrupt logic

PCA9544

VOLTAGE TRANSLATION

The pass gate transistors of the PCA9544 are constructed such that the V_{DD} voltage can be used to limit the maximum voltage that will be passed from one I²C bus to another.

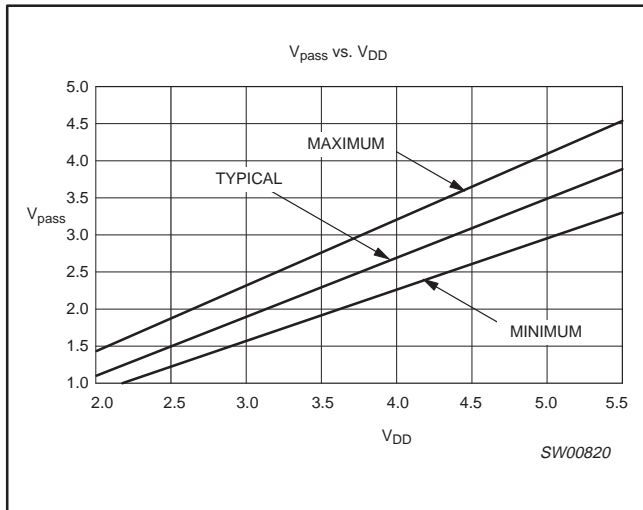


Figure 6. V_{pass} voltage

Figure 6 shows the voltage characteristics of the pass gate transistors (note that the graph was generated using the data specified in the DC Characteristics section of this datasheet). In order for the PCA9544 to act as a voltage translator, the V_{pass} voltage should be equal to, or lower than the lowest bus voltage. For example, if the main bus was running at 5 V, and the downstream buses were 3.3 V and 2.7 V, then V_{pass} should be equal to or below 2.7 V to effectively clamp the downstream bus voltages. Looking at Figure 6, we see that V_{pass} (max.) will be at 2.7 V when the PCA9544 supply voltage is 3.5 V or lower so the PCA9544 supply voltage could be set to 3.3 V. Pull-up resistors can then be used to bring the bus voltages to their appropriate levels (see Figure 13).

More Information can be found in Application Note AN262 *PCA954X family of I²C/SMBus multiplexers and switches*.

4-channel I²C multiplexer with interrupt logic

PCA9544

CHARACTERISTICS OF THE I²C-BUS

The I²C-bus is for 2-way, 2-line communication between different ICs or modules. The two lines are a serial data line (SDA) and a serial clock line (SCL). Both lines must be connected to a positive supply via a pull-up resistor when connected to the output stages of a device. Data transfer may be initiated only when the bus is not busy.

Bit transfer

One data bit is transferred during each clock pulse. The data on the SDA line must remain stable during the HIGH period of the clock pulse as changes in the data line at this time will be interpreted as control signals (see Figure 7).

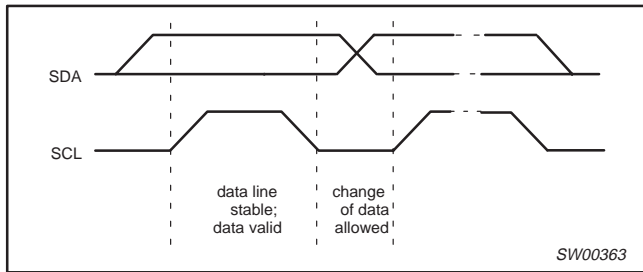


Figure 7. Bit transfer

Start and stop conditions

Both data and clock lines remain HIGH when the bus is not busy. A HIGH-to-LOW transition of the data line, while the clock is HIGH is defined as the start condition (S). A LOW-to-HIGH transition of the data line while the clock is HIGH is defined as the stop condition (P) (see Figure 8).

System configuration

A device generating a message is a 'transmitter', a device receiving is the 'receiver'. The device that controls the message is the 'master' and the devices which are controlled by the master are the 'slaves' (see Figure 9).

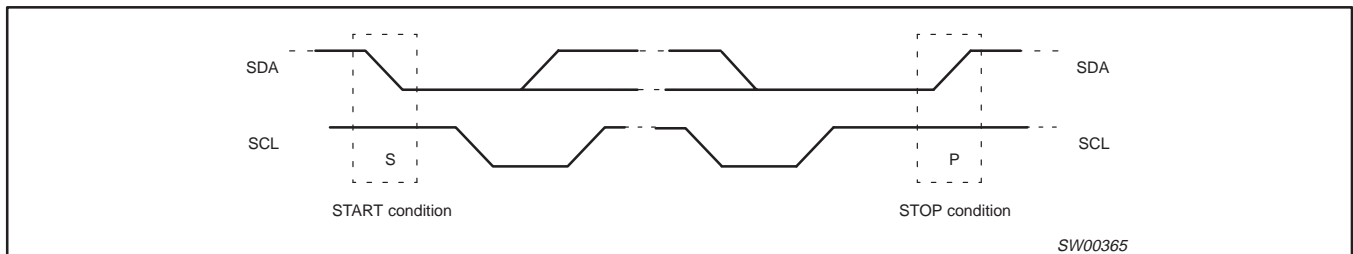


Figure 8. Definition of start and stop conditions

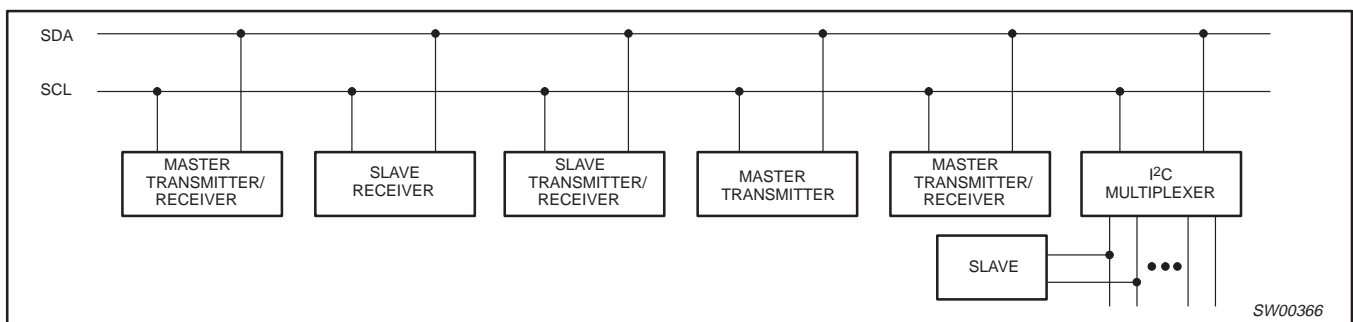


Figure 9. System configuration

4-channel I²C multiplexer with interrupt logic

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Acknowledge

The number of data bytes transferred between the start and the stop conditions from transmitter to receiver is not limited. Each byte of eight bits is followed by one acknowledge bit. The acknowledge bit is a HIGH level put on the bus by the transmitter whereas the master generates an extra acknowledge related clock pulse.

A slave receiver which is addressed must generate an acknowledge after the reception of each byte. Also a master must generate an acknowledge after the reception of each byte that has been clocked out of the slave transmitter. The device that acknowledges has to pull down the SDA line during the acknowledge clock pulse, so that the SDA line is stable LOW during the HIGH period of the acknowledge related clock pulse, set-up and hold times must be taken into account.

A master receiver must signal an end of data to the transmitter by not generating an acknowledge on the last byte that has been clocked out of the slave. In this event, the transmitter must leave the data line HIGH to enable the master to generate a stop condition.

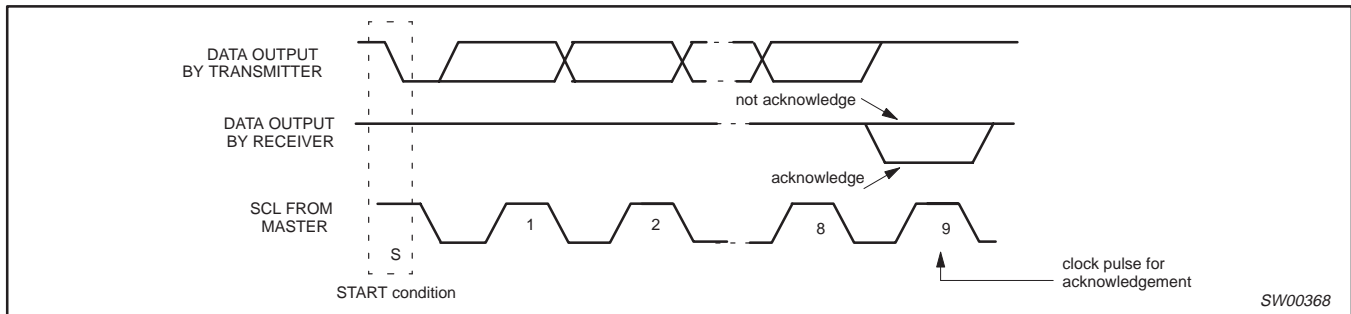


Figure 10. Acknowledgement on the I²C-bus

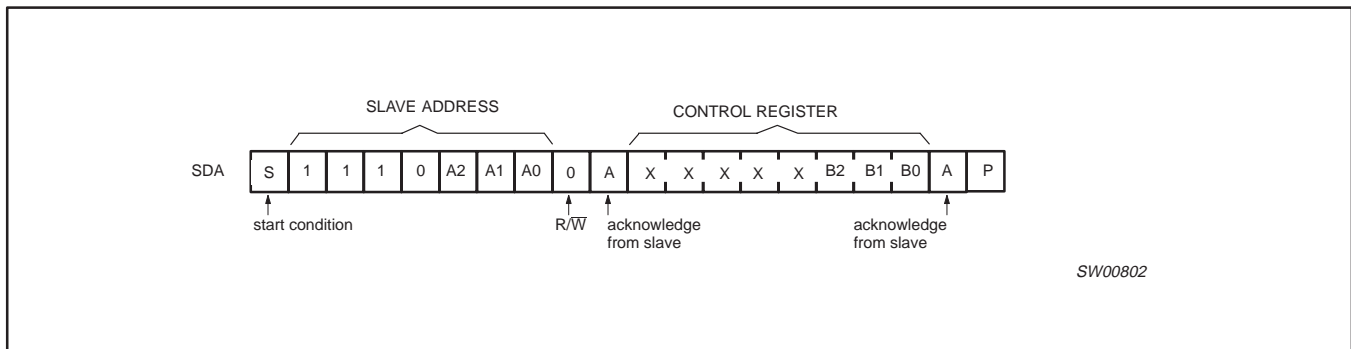


Figure 11. WRITE control register

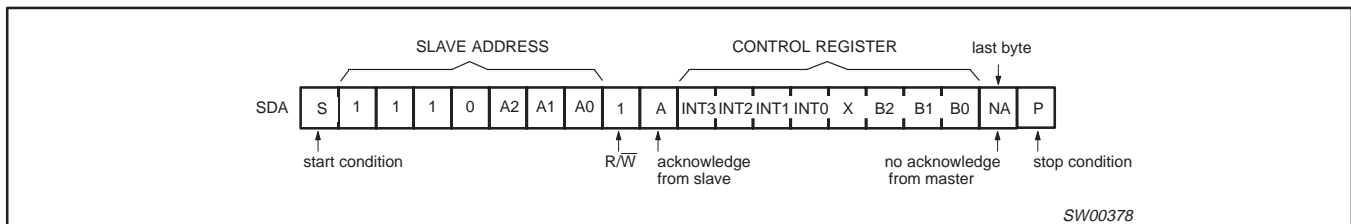


Figure 12. READ control register

4-channel I²C multiplexer with interrupt logic

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TYPICAL APPLICATION

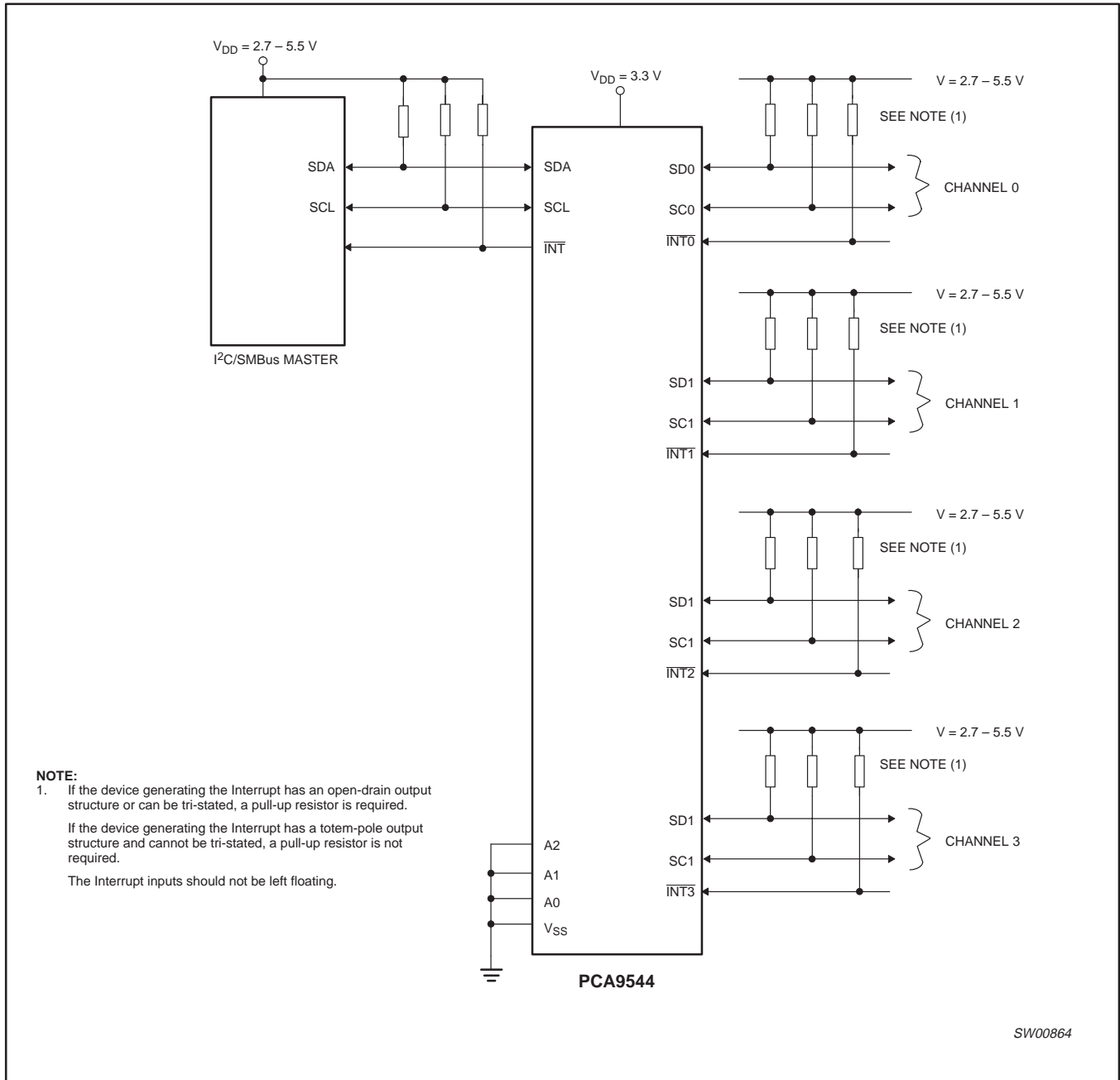


Figure 13. Typical application

4-channel I²C multiplexer with interrupt logic

PCA9544

ABSOLUTE MAXIMUM RATINGS^{1, 2}

In accordance with the Absolute Maximum Rating System (IEC 134). Voltages are referenced to GND (ground = 0 V).

SYMBOL	PARAMETER	CONDITIONS	RATING	UNIT
V _{DD}	DC supply voltage		-0.5 to +7.0	V
V _I	DC input voltage		-0.5 to +7.0	V
I _I	DC input current		±20	mA
I _O	DC output current		±25	mA
I _{DD}	Supply current		±100	mA
I _{SS}	Supply current		±100	mA
P _{tot}	total power dissipation		400	mW
T _{stg}	Storage temperature range		-60 to +150	°C
T _{amb}	Operating ambient temperature		-40 to +85	°C

NOTES:

- Stresses beyond those listed may cause permanent damage to the device. These are stress ratings only and functional operation of the device at these or any other conditions beyond those indicated under "recommended operating conditions" is not implied. Exposure to absolute-maximum-rated conditions for extended periods may affect device reliability.
- The performance capability of a high-performance integrated circuit in conjunction with its thermal environment can create junction temperatures which are detrimental to reliability. The maximum junction temperature of this integrated circuit should not exceed 150°C.

DC CHARACTERISTICSV_{DD} = 2.3 to 3.6 V; V_{SS} = 0 V; T_{amb} = -40 °C to +85 °C; unless otherwise specified. (See page 10 for V_{DD} = 3.6 to 5.5 V)

SYMBOL	PARAMETER	TEST CONDITIONS	LIMITS			UNIT
			MIN	TYP	MAX	
Supply						
V _{DD}	Supply voltage		2.3	—	3.6	V
I _{DD}	Supply current	Operating mode; V _{DD} = 3.6 V; no load; V _I = V _{DD} or V _{SS} ; f _{SCL} = 100 kHz	—	40	100	μA
I _{stb}	Standby current	Standby mode; V _{DD} = 3.6 V; no load; V _I = V _{DD} or V _{SS} ; f _{SCL} = 0 kHz	—	25	100	μA
V _{POR}	Power-on reset voltage	no load; V _I = V _{DD} or V _{SS}	—	1.6	2.1	V
Input SCL; input/output SDA						
V _{IL}	LOW level input voltage		-0.5	—	0.3 V _{DD}	V
V _{IH}	HIGH level input voltage		0.7 V _{DD}	—	6	V
I _{OL}	LOW level output current	V _{OL} = 0.4 V	3	—	—	mA
		V _{OL} = 0.6 V	6	—	—	
I _L	Leakage current	V _I = V _{DD} or V _{SS}	-1	—	+1	μA
C _i	Input capacitance	V _I = V _{SS}	—	12	13	pF
Select inputs A0 to A2 / INT0 to INT3						
V _{IL}	LOW level input voltage		-0.5	—	+0.3 V _{DD}	V
V _{IH}	HIGH level input voltage		0.7 V _{DD}	—	V _{DD} + 0.5	V
I _{LI}	Input leakage current	pin at V _{DD} or V _{SS}	-1	—	+1	μA
C _i	Input capacitance	V _I = V _{SS}	—	1.6	3	pF
Pass Gate						
R _{ON}	Switch resistance	V _{CC} = 3.0 to 3.6 V, V _O = 0.4 V, I _O = 15 mA	5	20	30	Ω
		V _{CC} = 2.3 to 2.7 V, V _O = 0.4 V, I _O = 10 mA	7	26	55	
V _{Pass}	Switch output voltage	V _{swin} = V _{DD} = 3.3 V; I _{swout} = -100 μA	—	2.2	—	V
		V _{swin} = V _{DD} = 3.0 to 3.6 V; I _{swout} = -100 μA	1.6	—	2.8	
		V _{swin} = V _{DD} = 2.5 V; I _{swout} = -100 μA	—	1.5	—	
		V _{swin} = V _{DD} = 2.3 to 2.7 V; I _{swout} = -100 μA	1.1	—	2.0	
I _L	Leakage current	V _I = V _{DD} or V _{SS}	-1	—	+1	μA
C _{io}	Input/output capacitance	V _I = V _{SS}	—	3	5	pF
INT Output						
I _{OL}	LOW level output current	V _{OL} = 0.4 V	3	—	—	mA
I _{OH}	HIGH level output current		—	—	+100	μA

4-channel I²C multiplexer with interrupt logic

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DC CHARACTERISTICSV_{DD} = 3.6 to 5.5 V; V_{SS} = 0 V; T_{amb} = -40 °C to +85 °C; unless otherwise specified. (See page 9 for V_{DD} = 2.3 to 3.6 V)

SYMBOL	PARAMETER	TEST CONDITIONS	LIMITS			UNIT
			MIN	TYP	MAX	
Supply						
V _{DD}	Supply voltage		3.6	—	5.5	V
I _{DD}	Supply current	Operating mode; V _{DD} = 5.5 V; no load; V _I = V _{DD} or V _{SS} ; f _{SCL} = 100 kHz	—	575	600	μA
I _{stb}	Standby current	Standby mode; V _{DD} = 5.5 V; no load; V _I = V _{DD} or V _{SS} ; f _{SCL} = 0 kHz	—	130	300	μA
V _{POR}	Power-on reset voltage	no load; V _I = V _{DD} or V _{SS}	—	1.7	2.1	V
Input SCL; input/output SDA						
V _{IL}	LOW level input voltage		-0.5	—	0.3 V _{DD}	V
V _{IH}	HIGH level input voltage		0.7 V _{DD}	—	6	V
I _{OL}	LOW level output current	V _{OL} = 0.4 V	3	—	—	mA
		V _{OL} = 0.6 V	6	—	—	mA
I _{IL}	Low level input current	V _I = V _{SS}	-10	—	+10	μA
I _{IH}	HIGH level input current	V _I = V _{DD}	—	—	100	μA
C _i	Input capacitance	V _I = V _{SS}	—	12	13	pF
Select inputs A0 to A2 / INT0 to INT3						
V _{IL}	LOW level input voltage		-0.5	—	+0.3 V _{DD}	V
V _{IH}	HIGH level input voltage		0.7 V _{DD}	—	V _{DD} + 0.5	V
I _{LI}	Input leakage current	pin at V _{DD} or V _{SS}	-1	—	+50	μA
C _i	Input capacitance	V _I = V _{SS}	—	2	5	pF
Pass Gate						
R _{ON}	Switch resistance	V _{CC} = 4.5 to 5.5 V, V _O = 0.4 V, I _O = 15 mA	4	11	24	Ω
V _{Pass}	Switch output voltage	V _{swin} = V _{DD} = 5.0 V; I _{swout} = -100 μA	—	3.5	—	V
		V _{swin} = V _{DD} = 4.5 to 5.5 V; I _{swout} = -100 μA	2.6	—	4.5	V
I _L	Leakage current	V _I = V _{DD} or V _{SS}	-10	—	+100	μA
C _{io}	Input/output capacitance	V _I = V _{SS}	—	3	5	pF
INT Output						
I _{OL}	LOW level output current	V _{OL} = 0.4 V	3	—	—	mA
I _{OH}	HIGH level output current		—	—	+100	μA

4-channel I²C multiplexer with interrupt logic

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AC CHARACTERISTICS

SYMBOL	PARAMETER	STANDARD-MODE I ² C-BUS		FAST-MODE I ² C-BUS		UNIT
		MIN	MAX	MIN	MAX	
t _{pd}	Propagation delay from SDA to SD _n or SCL to SC _n	—	0.3 ¹	—	0.3 ¹	ns
f _{SCL}	SCL clock frequency	0	100	0	400	kHz
t _{BUF}	Bus free time between a STOP and START condition	4.7	—	1.3	—	μs
t _{HD;STA}	Hold time (repeated) START condition After this period, the first clock pulse is generated	4.0	—	0.6	—	μs
t _{LOW}	LOW period of the SCL clock	4.7	—	1.3	—	μs
t _{HIGH}	HIGH period of the SCL clock	4.0	—	0.6	—	μs
t _{SU;STA}	Set-up time for a repeated START condition	4.7	—	0.6	—	μs
t _{SU;STO}	Set-up time for STOP condition	4.0	—	0.6	—	μs
t _{HD;DAT}	Data hold time	0 ²	3.45	0 ²	0.9	μs
t _{SU;DAT}	Data set-up time	250	—	100	—	ns
t _R	Rise time of both SDA and SCL signals	—	1000	20 + 0.1C _b ³	300	ns
t _F	Fall time of both SDA and SCL signals	—	300	20 + 0.1C _b ³	300	μs
C _b	Capacitive load for each bus line	—	400	—	400	μs
t _{SP}	Pulse width of spikes which must be suppressed by the input filter	—	50	—	50	ns
t _{VD;DATL}	Data valid (HL)	—	1	—	1	μs
t _{VD;DATH}	Data valid (LH)	—	0.6	—	0.6	μs
t _{VD;ACK}	Data valid Acknowledge	—	1	—	1	μs
INT						
t _{iv}	INT _n to INT active valid time	—	4	—	4	μs
t _{ir}	INT _n to INT inactive delay time	—	2	—	2	μs
L _{pwr}	LOW level pulse width rejection or INT _n inputs	10	—	1	—	ns
H _{pwr}	HIGH level pulse width rejection or INT _n inputs	500	—	500	—	ns

NOTES:

1. Pass gate propagation delay is calculated from the 20 Ω typical R_{ON} and and the 15 pF load capacitance.
2. A device must internally provide a hold time of at least 300ns for the SDA signal (referred to the V_{IHmin} of the SCL signal) in order to bridge the undefined region of the falling edge of SCL.
3. C_b = total capacitance of one bus line in pF.

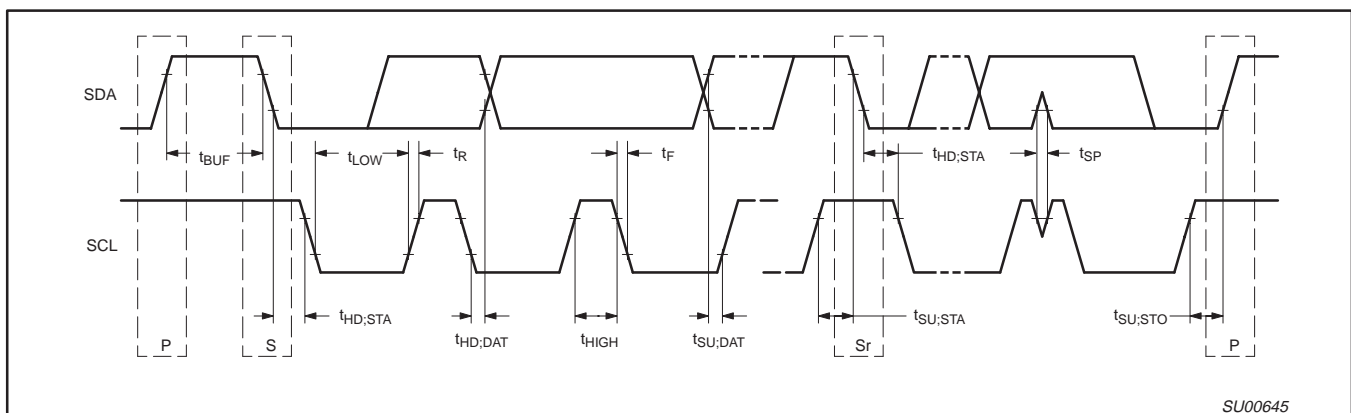


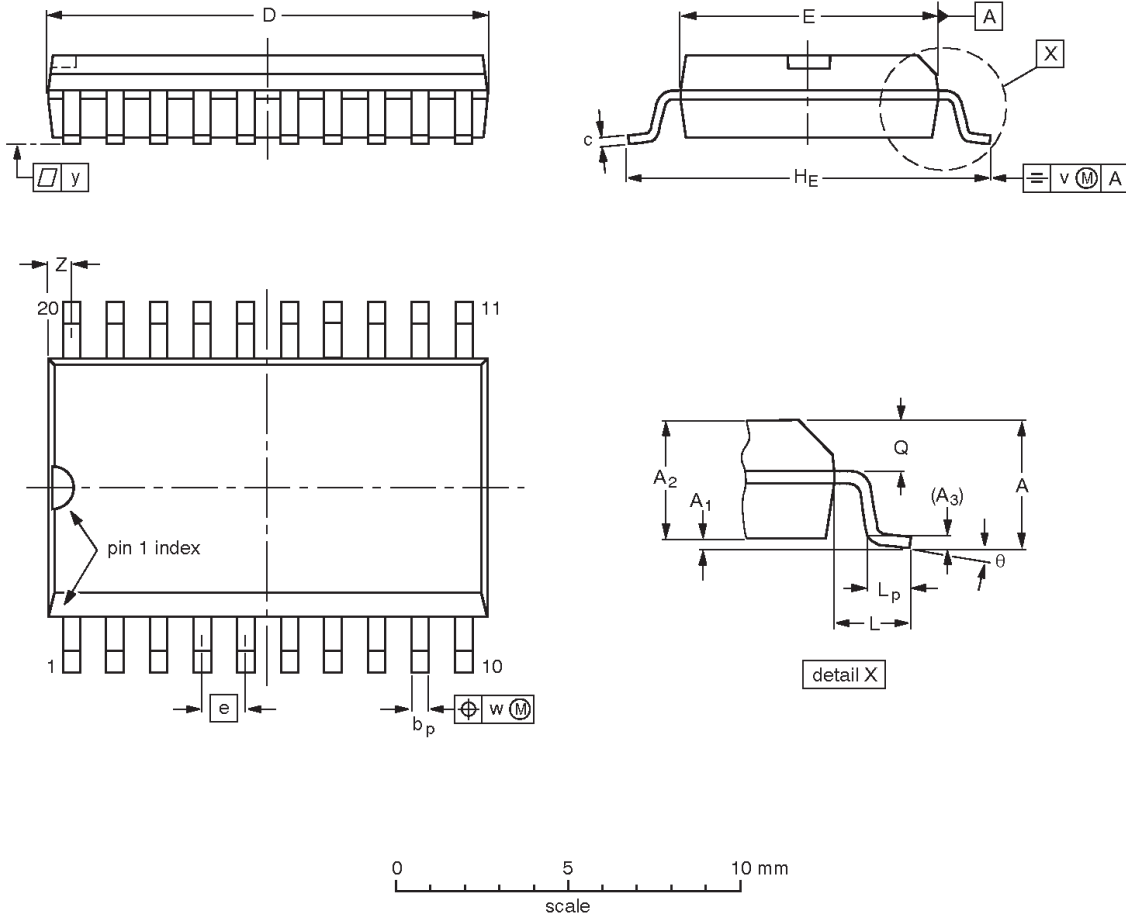
Figure 14. Definition of timing on the I²C-bus

4-channel I²C multiplexer with interrupt logic

PCA9544

SO20: plastic small outline package; 20 leads; body width 7.5 mm

SOT163-1



DIMENSIONS (inch dimensions are derived from the original mm dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _E	L	L _p	Q	v	w	y	Z ⁽¹⁾	θ
mm	2.65	0.30 0.10	2.45 2.25	0.25	0.49 0.36	0.32 0.23	13.0 12.6	7.6 7.4	1.27	10.65 10.00	1.4	1.1 0.4	1.1 1.0	0.25	0.25	0.1	0.9 0.4	8° 0°
inches	0.10	0.012 0.004	0.096 0.089	0.01	0.019 0.014	0.013 0.009	0.51 0.49	0.30 0.29	0.050	0.419 0.394	0.055	0.043 0.016	0.043 0.039	0.01	0.01	0.004	0.035 0.016	

Note

1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.

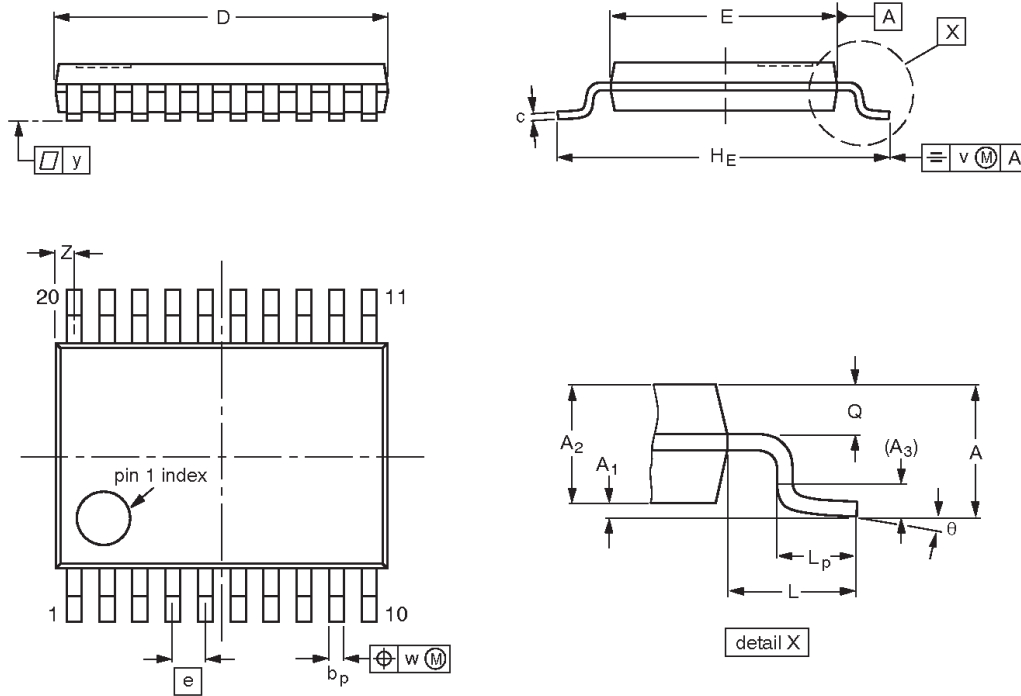
OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOT163-1	075E04	MS-013				97-05-22 99-12-27

4-channel I²C multiplexer with interrupt logic

PCA9544

TSSOP20: plastic thin shrink small outline package; 20 leads; body width 4.4 mm

SOT360-1



DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽²⁾	e	HE	L	L _p	Q	v	w	y	Z ⁽¹⁾	θ
mm	1.10	0.15 0.05	0.95 0.80	0.25	0.30 0.19	0.2 0.1	6.6 6.4	4.5 4.3	0.65	6.6 6.2	1.0	0.75 0.50	0.4 0.3	0.2	0.13	0.1	0.5 0.2	8° 0°

Notes

1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.
2. Plastic interlead protrusions of 0.25 mm maximum per side are not included.

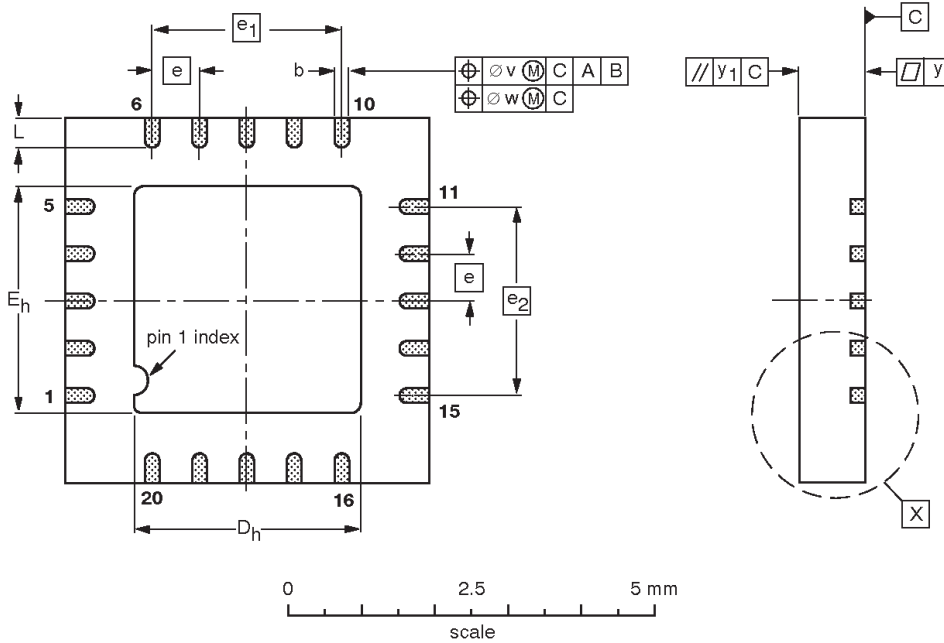
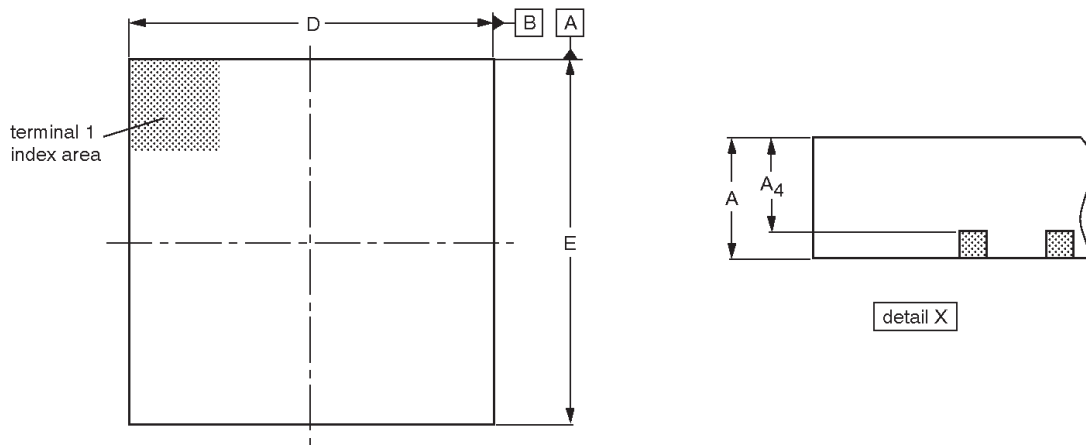
OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOT360-1		MO-153				95-02-04 99-12-27

4-channel I²C multiplexer with interrupt logic

PCA9544

HVQFN20: plastic, heatsink very thin quad flat package; no leads; 20 terminals;
body 5 x 5 x 0.85 mm

SOT662-1



DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₄ max.	b	D ⁽¹⁾	D _h	E ⁽¹⁾	E _h	e	e ₁	e ₂	L	v	w	y	y ₁
mm	1.00	0.80	0.40 0.23	5.05 4.95	3.25 2.95	5.05 4.95	3.25 2.95	0.65	2.6	2.6	0.75 0.50	0.2	0.1	0.05	0.1

Note

1. Plastic or metal protrusions of 0.076 mm maximum per side are not included.

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOT662-1		MO-220				01-06-28 01-08-08

4-channel I²C multiplexer with interrupt logic

PCA9544



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Data sheet status ^[1]	Product status ^[2]	Definitions
Objective data	Development	This data sheet contains data from the objective specification for product development. Philips Semiconductors reserves the right to change the specification in any manner without notice.
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