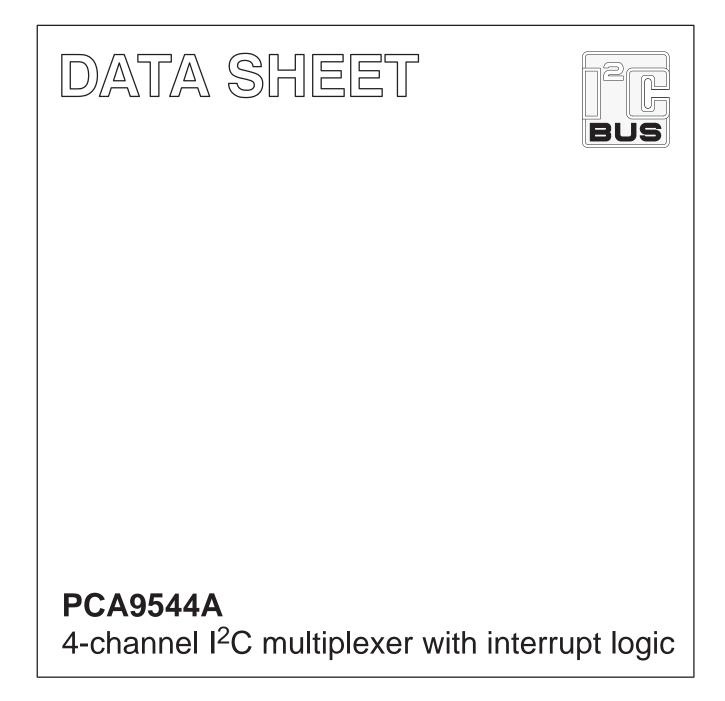
INTEGRATED CIRCUITS



Product data sheet Supersedes data of 2004 Jul 28 2004 Sep 29





PCA9544A



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 Rds_{ON} 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, 200 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 °C to +85 °C	PCA9544AD	PCA9544AD	SOT163-1
20-Pin Plastic TSSOP	–40 °C to +85 °C	PCA9544APW	PA9544A	SOT360-1
20-Pin Plastic HVQFN	–40 °C to +85 °C	PCA9544ABS	9544A	SOT662-1

Standard packing quantities and other packaging data are available at www.standardproducts.philips.com/packaging. I²C is a trademark of Philips Semiconductors Corporation.

DESCRIPTION

The PCA9544A 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, INT0 to INT3, one for each of the SCx/SDx downstream pairs, are provided. One interrupt output, 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 PCA9544A. 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.

PCA9544A

PIN CONFIGURATION - SO, TSSOP

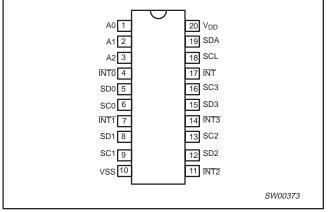


Figure 1. Pin configuration — SO, TSSOP

PIN DESCRIPTION

PIN CONFIGURATION — HVQFN

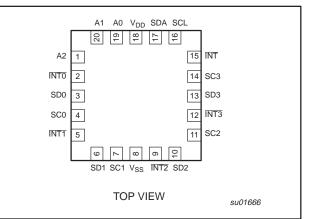


Figure 2. Pin configuration — HVQFN

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	INTO	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

BLOCK DIAGRAM

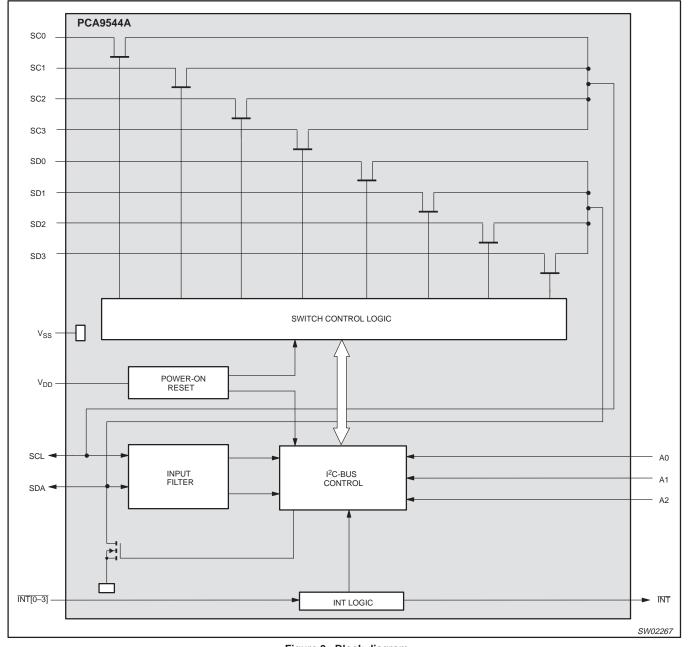
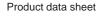


Figure 3. Block diagram



PCA9544A

DEVICE ADDRESSING

Following a START condition the bus master must output the address of the slave it is accessing. The address of the PCA9544A is shown in Figure 4. To conserve power, no internal pull-up resistors are incorporated on the hardware selectable address pins and they must be pulled HIGH or LOW.

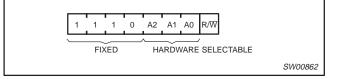


Figure 4. Slave address

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 PCA9544A which will be stored in the Control Register. If multiple bytes are received by the PCA9544A, it will save the last byte received. This register can be written and read via the l^2 C-bus.

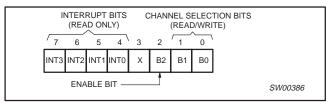


Figure 5. Control register

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 PCA9544A 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
Х	Х	Х	Х	Х	0	Х	Х	No channel selected
Х	Х	Х	Х	Х	1	0	0	Channel 0 enabled
Х	Х	Х	Х	Х	1	0	1	Channel 1 enabled
Х	Х	Х	Х	Х	1	1	0	Channel 2 enabled
Х	Х	Х	Х	Х	1	1	1	Channel 3 enabled
0	0	0	0	0	0	0	0	No channel selected; power-up default state

INTERRUPT HANDLING

The PCA9544A 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 PCA9544A 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 PCA9544A, 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 PCA9544A and read the contents of the control byte to determine which channel contains the device generating the interrupt. The master can then reconfigure the PCA9544A 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 $\mathsf{V}_{\mathsf{D}\mathsf{D}}$ through a pull-up resistor.

INT3	INT2	INT1	INT0	D3	B2	B1	B0	COMMAND								
x	x	x	0	x	x	x	х	No interrupt on channel 0								
	^	~	1	~	~	^	~	Interrupt on channel 0								
x	x			x	x	No interrupt on channel 1										
	~	1] ^	^	~	~	Χ	Interrupt on channel 1								
x	0	x	v v	x	х	v	v	x	No interrupt on channel 2							
	1	^	^	Â		~	~	~	~		X X					Interrupt on channel 2
0	x	x	x	х	х	x	x	x	x x	No interrupt on channel 3						
1	~	~	~							Interrupt on channel 3						

Table 2. Control Register Read — Interrupt

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 PCA9544A in a reset condition until V_{DD} has reached V_{POR}. At this point, the reset condition is released and the PCA9544A registers and I²C state machine are initialized to their default states, all zeroes causing all the channels to be deselected. Thereafter, V_{DD} must be lowered below 0.2 V to reset the device.

PCA9544A

VOLTAGE TRANSLATION

The pass gate transistors of the PCA9544A 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.

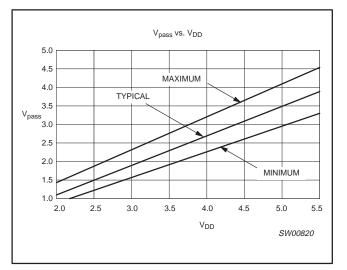


Figure 6. V_{pass} voltage

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 PCA9544A 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 PCA9544A supply voltage is 3.5 V or lower so the PCA9544A supply voltage 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 *I*²*C/SMBus multiplexers and switches.*

PCA9544A

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).

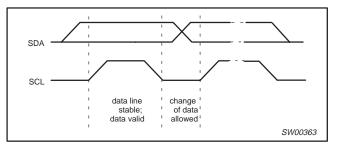


Figure 7. Bit transfer

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).

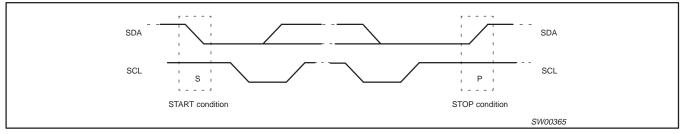


Figure 8. Definition of start and stop conditions

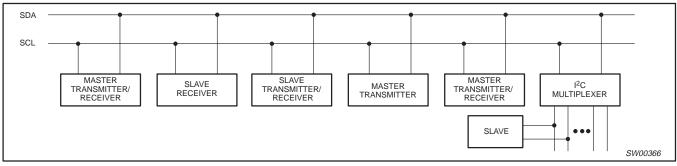


Figure 9. System configuration

PCA9544A

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.

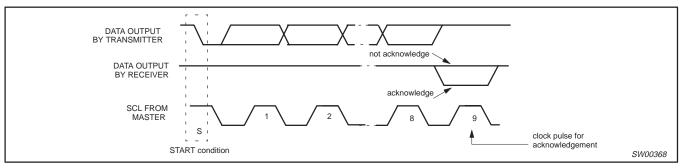


Figure 10. Acknowledgement on the I²C-bus

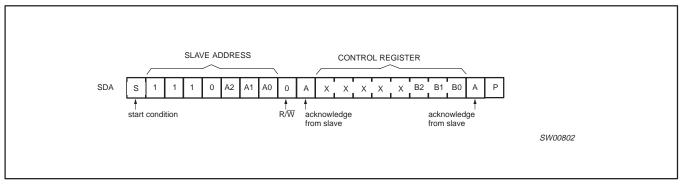


Figure 11. WRITE control register

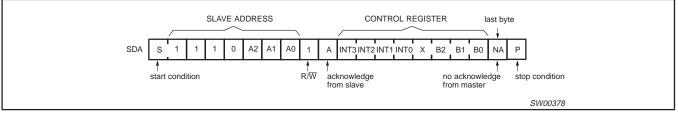


Figure 12. READ control register

PCA9544A

4-channel I²C multiplexer with interrupt logic

TYPICAL APPLICATION

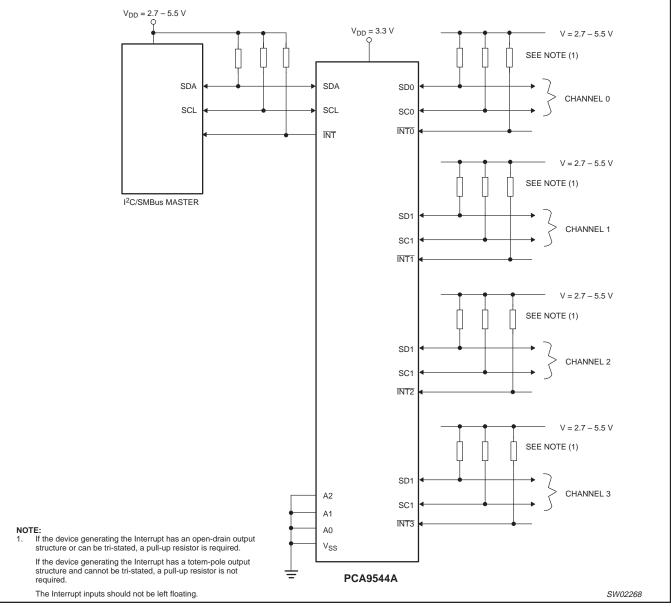


Figure 13. Typical application

PCA9544A

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
VI	DC input voltage		-0.5 to +7.0	V
I _I	DC input current		±20	mA
Ι _Ο	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:

1. 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.

2. 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.

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DC CHARACTERISTICS

 V_{DD} = 2.3 V to 3.6 V; V_{SS} = 0 V; T_{amb} = -40 °C to +85 °C; unless otherwise specified. (See page 12 for V_{DD} = 3.6 V to 5.5 V)

SYMBOL		TEST CONDITIONS					
SYMBOL	PARAMETER	TEST CONDITIONS	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	_	10	30	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	_	0.1	1	μA	
V _{POR}	Power-on reset voltage (Note 1)	no load; $V_I = V_{DD}$ or V_{SS}		1.5	2.1	V	
Input SCL;	input/output SDA			-	-		
V _{IL}	LOW-level input voltage		-0.5	—	0.3V _{DD}	V	
V _{IH}	HIGH-level input voltage		0.7V _{DD}	—	6	V	
		V _{OL} = 0.4 V	3	7	—		
I _{OL}	LOW-level output current	V _{OL} = 0.6 V	6	10	-	mA	
١L	Leakage current	$V_I = V_{DD} \text{ or } V_{SS}$	-1	— —	+1	μΑ	
Ci	Input capacitance	V _I = V _{SS}	_	10	13	pF	
Select inpu	ts A0 to A2 / INTO to INT3			•	•		
V _{IL}	LOW-level input voltage		-0.5	—	+0.3V _{DD}	V	
VIH	HIGH-level input voltage		0.7V _{DD}	- 1	V _{DD} + 0.5	V	
ILI	Input leakage current	$V_I = V_{DD} \text{ or } V_{SS}$	-1	- 1	+1	μΑ	
Ci	Input capacitance	V _I = V _{SS}	—	1.6	3	pF	
Pass Gate	•	·		•	•		
	Qualitative and interview	V_{CC} = 3.0 V to 3.6 V, V_{O} = 0.4 V, I_{O} = 15 mA	5	11	30		
R _{ON}	Switch resistance	V_{CC} = 2.3 V to 2.7 V, V_O = 0.4V, I_O = 10 mA	7	16	55	Ω	
		$V_{swin} = V_{DD} = 3.3 \text{ V}; I_{swout} = -100 \mu\text{A}$	—	1.9	- 1		
		$V_{swin} = V_{DD} = 3.0 \text{ V} \text{ to } 3.6 \text{ V}; \text{ I}_{swout} = -100 \mu\text{A}$	1.6	-	2.8		
V _{Pass}	Switch output voltage	$V_{swin} = V_{DD} = 2.5 \text{ V}; I_{swout} = -100 \mu\text{A}$	_	1.5	_	V	
		$V_{swin} = V_{DD} = 2.3 \text{ V to } 2.7 \text{ V; } I_{swout} = -100 \mu\text{A}$	1.1		2.0		
١L	Leakage current	$V_{I} = V_{DD} \text{ or } V_{SS}$	-1	—	+1	μΑ	
C _{io}	Input/output capacitance	$V_{I} = V_{SS}$		3	5	pF	
NT Output	•	•		-	•		
I _{OL}	LOW-level output current	V _{OL} = 0.4 V	3	7	_	mA	
I _{ОН}	HIGH-level output current		_	—	+10	μA	

NOTES:

V_{DD} must be lowered to 0.2 V in order to reset part.
 For operation between published voltage ranges, refer to worst case parameter in both ranges.

PCA9544A

DC CHARACTERISTICS

 V_{DD} = 4.5 V to 5.5 V; V_{SS} = 0 V; T_{amb} = -40 °C to +85 °C; unless otherwise specified. (See page 11 for V_{DD} = 2.3 V to 3.6 V)

SYMBOL	DADAMETED	TEST CONDITIONS				
STMBOL	PARAMETER	TEST CONDITIONS	MIN	ТҮР	MAX	
Supply		_	_			
V _{DD}	Supply voltage		4.5	—	5.5	V
I _{DD}	Supply current	Operating mode; $V_{DD} = 5.5 V$; no load; $V_I = V_{DD}$ or V_{SS} ; $f_{SCL} = 100 \text{ kHz}$	—	25	100	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	—	0.3	1	μΑ
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	—	0.3V _{DD}	V
VIH	HIGH-level input voltage		0.7V _{DD}	—	6	V
		V _{OL} = 0.4 V	3	-	-	mA
IOL	LOW-level output current	V _{OL} = 0.6 V	6	—	—	mA
١ _L	Leakage current	$V_{I} = V_{DD} \text{ or } V_{SS}$	-1	—	+1	μA
Ci	Input capacitance	V _I = V _{SS}	—	12	13	pF
Select inpu	ts A0 to A2 / INT0 to INT3		_			
VIL	LOW-level input voltage		-0.5	—	+0.3V _{DD}	V
V _{IH}	HIGH-level input voltage		0.7V _{DD}	—	V _{DD} + 0.5	V
ILI	Input leakage current	pin at V _{DD} or V _{SS}	-1	—	+1	μA
Ci	Input capacitance	V _I = V _{SS}	—	2	5	pF
Pass Gate						
R _{ON}	Switch resistance	V_{CC} = 4.5 V to 5.5 V, V_O = 0.4 V, I_O = 15 mA	4	9	24	Ω
M	Switch output voltage	$V_{swin} = V_{DD} = 5.0 \text{ V}; \text{ I}_{swout} = -100 \mu\text{A}$	—	3.6	-	V
V _{Pass}	Switch output voltage	$V_{swin} = V_{DD} = 4.5 \text{ V}$ to 5.5 V; $I_{swout} = -100 \mu\text{A}$	2.6	-	4.5	V
۱ _L	Leakage current	$V_{I} = V_{DD} \text{ or } V_{SS}$	-1	—	+1	μΑ
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		—	—	+10	μA

NOTES:

V_{DD} must be lowered to 0.2 V in order to reset part.
 For operation between published voltage ranges, refer to worst case parameter in both ranges.

PCA9544A

AC CHARACTERISTICS

SYMBOL	PARAMETER		RD-MODE -bus	FAST-M I ² C-b	UNIT	
		MIN	MAX	MIN	MAX	1
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	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	1.3	_	μs
thigh	HIGH period of the SCL clock	4.0	- 1	0.6	_	μs
t _{SU;STA}	Set-up time for a repeated START condition	4.7	- 1	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	$20 + 0.1 C_b^3$	300	ns
t _F	Fall time of both SDA and SCL signals	—	300	$20 + 0.1 C_b^3$	300	μs
Cb	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) ⁴	—	1	—	1	μs
t _{VD:DATH}	Data valid (LH) ⁴	—	0.6	—	0.6	μs
t _{VD:ACK}	Data valid Acknowledge	—	1	—	1	μs
INT						
t _{iv}	INTn to INT active valid time ⁴	—	4	—	4	μs
t _{ir}	INTn to INT inactive delay time ⁴	—	2	—	2	μs
L _{pwr}	LOW level pulse width rejection of INTn inputs ⁴	10		1	—	ns
H _{pwr}	HIGH level pulse width rejection of INTn inputs ⁴	500	_	500	_	ns

NOTES:

Pass gate propagation delay is calculated from the 20 Ω typical R_{ON} and and the 15 pF load capacitance.
 A device must internally provide a hold time of at least 300ns for the SDA signal (referred to the V_{IH(min)} of the SCL signal) in order to bridge the undefined region of the falling edge of SCL.
 C_b = total capacitance of one bus line in pF.
 Measurements taken with 1 kΩ pull-up resistor and 50 pF load.

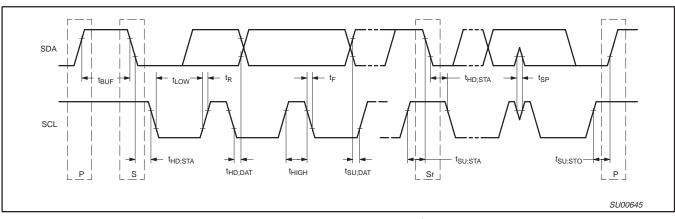
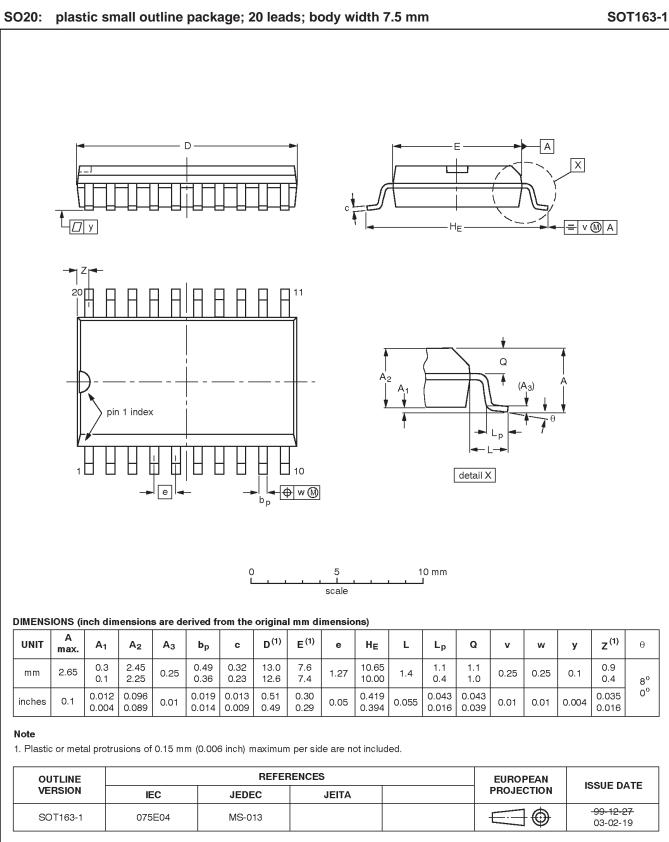
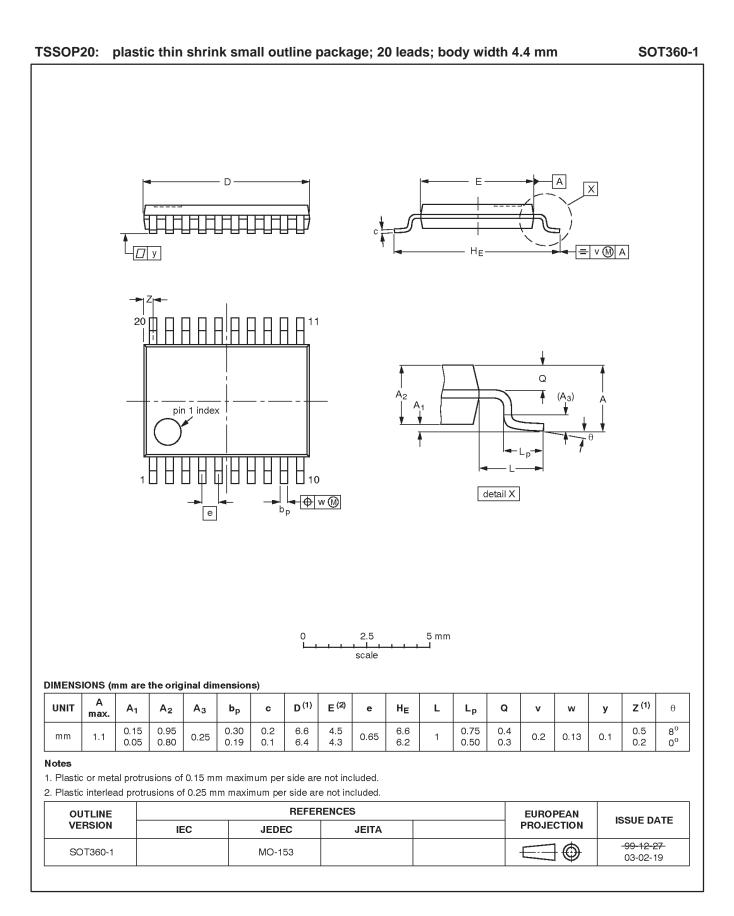
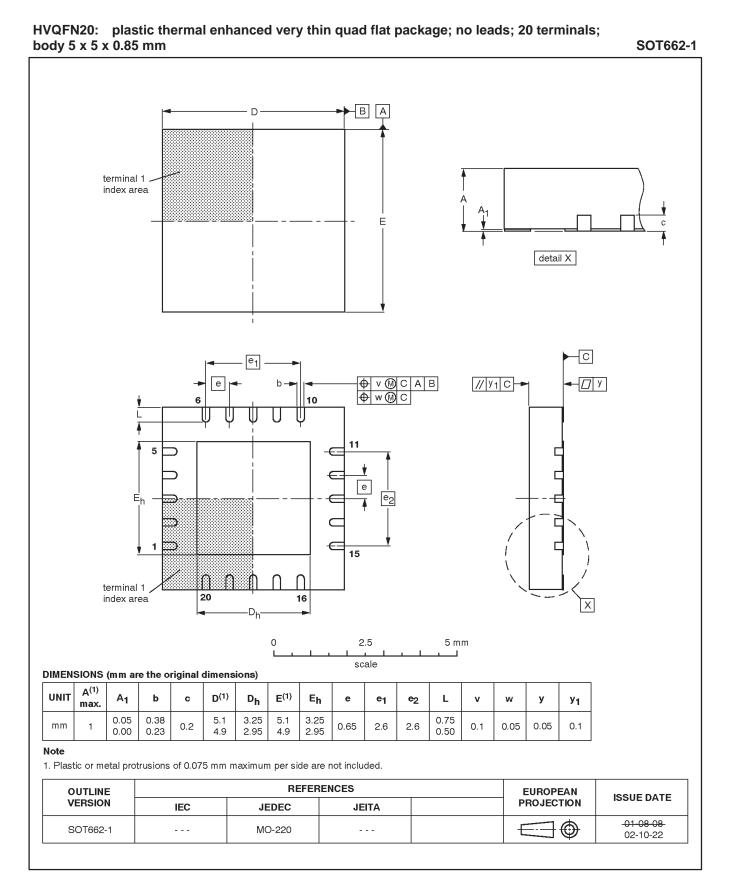


Figure 14. Definition of timing on the I²C-bus







Rev	Date	Description
_2	2004929	Product data sheet (9397 750 13931). Supersedes data of 2004 Jul 28 (9397 750 13301). Modifications:
		 Table 1. "Control Register; Write — Channel Selection / Read — Channel Status" on page 5: add 'no channel selected; power-up default state' row to bottom of table
		 DC characteristics table (V_{DD} = 2.3 V to 3.6 V) on page 11: Supply change I_{DD} Typ. from 20 μA to 10 μA change I_{DD} Max. from 50 μA to 30 μA Input SCL; input/output SDA change I_{OL} Typ. (V_{OL} = 0.4 V) from "–" to 7 mA change I_{OL} Typ. (V_{OL} = 0.6 V) from "–" to 7 mA change I_{OL} Typ. (V_{OL} = 0.6 V) from "–" to 10 mA change C_i Typ. from 12 pF to 10 pF Select inputs A0 to A2 / INTO to INT3 change Test conditions for I_{L1} from "pin at V_{DD} or V_{SS}" to "V_I = V_{DD} or V_{SS}" INT output change I_{OL} Typ. from "–" to 7 mA change I_{OL} Typ. from "–" to 7 mA change I_{OH} Max. from +100 μA to +10 μA Add Note 2.
		 DC characteristics table (V_{DD} = 4.5 V to 5.5 V) on page 12: change description from "V_{DD} = 3.6 V to 5.5 V" to "V_{DD} = 4.5 V to 5.5 V" Supply change V_{DD} Min. from 3.6 V to 4.5 V change I_{DD} Typ. from 65 μA to 25 μA Input SCL; input/output SDA remove parameters I_{IL} and I_{IH} add parameter I_L Select inputs A0 to A2 / INTO to INT3; change I_{L1} Max. from +50 μA to +1 μA Pass Gate change I_L Max. from +100 μA to -1 μA change I_L Max. from +100 μA to +10 μA Add Note 2. AC characteristics table on page 13: add reference to (new) Note 4 at parameters t_{VD:DATL} and t_{VD:DATH}
		 INT Add reference to (new) Note 4 in all 4 parameter descriptions L_{pwr} and H_{pwr}: change "or" to "of" Add Note 4.
1	20040728	Objective data sheet (0307 750 13301)
_1	20040728	Objective data sheet (9397 750 13301).

PCA9544A

4-channel I²C multiplexer with interrupt logic



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Level	Data sheet status ^[1]	Product status ^{[2] [3]}	Definitions
I	Objective data sheet	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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