



<b>Title of Change:</b>	AR0522 Datasheet Update
<b>Effective date:</b>	20 Mar 2020
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <a href="mailto:Sonya.Yip@onsemi.com">Sonya.Yip@onsemi.com</a>
<b>Type of notification:</b>	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
<b>Change Category:</b>	Documentation Change
<b>Change Sub-Category(s):</b>	Datasheet/Product Doc change

**Sites Affected:****ON Semiconductor Sites**

None

**External Foundry/Subcon Sites**

None

**Description and Purpose:**

The AR0522 Datasheet has been updated with to correct errors. These changes do not affect form, fit, or function of the product.

**AR0522 Datasheet Changes****1. Updated Standby Current section of Table 13, "Operating Current"****Old Table 13****STANDBY CURRENT**

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	RESET_N signal low (EXTCLK on)	–	–	70	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	800	
IAA/IAAPIX	Analog/Pixel Current		–	–	12	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	RESET_N signal low (EXTCLK off)	–	–	70	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	1700	
IAA/IAAPIX	Analog/Pixel Current		–	–	12	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	STANDBY current when asserting R0x301A [2] = 1 (EXTCLK on)	–	–	80	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	3700	
IAA/IAAPIX	Analog/Pixel Current		–	–	120	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	STANDBY current when asserting R0x301A [2] = 1 (EXTCLK off)	–	–	35	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	800	
IAA/IAAPIX	Analog/Pixel Current		–	–	120	

**New Table 13:****STANDBY CURRENT**

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	RESET_N signal low (EXTCLK on)	–	–	70	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	1700	
IAA/IAAPIX	Analog/Pixel Current		–	–	12	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	RESET_N signal low (EXTCLK off)	–	–	70	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	800	
IAA/IAAPIX	Analog/Pixel Current		–	–	12	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	STANDBY current when asserting R0x301A [2] = 1 (EXTCLK on)	–	–	80	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	3700	
IAA/IAAPIX	Analog/Pixel Current		–	–	120	

Symbol	Definition	Condition	Min	Typ	Max	Unit
IDD_IO	I/O Digital Current	STANDBY current when asserting R0x301A [2] = 1 (EXTCLK off)	–	–	35	μA
IDD/IDD_PLL/I DD_PHY	PHY/Digital Current		–	–	800	
IAA/IAAPIX	Analog/Pixel Current		–	–	120	

**List of Affected Standard Parts:**

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [\*\*PCN Customized Portal\*\*](#).

AR0522SRSC09SURA0-DP	AR0522SRSC09SURA0-DR	AR0522SRSM09SURA0-DP
AR0522SRSM09SURA0-DR		