

# RMP Process Samples

0.6 µm Standard Process

**Monitor Device(s)**

DS21Q43 A3-A DS2401 C2

**Product Rev**

DS12885	B1	DS12885	B1-C	DS12887	A2-C
DS1425	F1	DS1425	F2	DS1501	A4-Y
DS1501	A6-W	DS1501	A6-Y	DS1511	A6-V
DS1511	A6-Y	DS1543	A1	DS1543	A4-A
DS1553	A1	DS1553	A3	DS1553	A4-A
DS1553	A5-AD	DS1553	A5-W	DS1554	A4
DS1554	A4-W	DS1556	A2	DS1556	A4
DS1556	A4-W	DS1557	A2	DS1557	A4
DS1557	A4-W	DS1558	A4-AB	DS1558	A4-A
DS1558	A5-AB	DS1558	A5-AD	DS1615	A7
DS1615	A8	DS1616	A2	DS1642	C1
DS1642	C1-W	DS1643	A6-AB	DS1678	A3
DS1679	A4-A	DS1679	A4-B	DS1742	A6
DS1742	A6-W	DS1742	A7	DS1742	A7-V
DS1742	A7I	DS1743	A1	DS1743	A1-V
DS1743	A6-AB	DS1743	A6-AD	DS1744	A5
DS1744	A5-W	DS1744	A6	DS1744	A6-V
DS1746	A1	DS1746	A1-W	DS1746	A5
DS1746	A5-W	DS1746	A6	DS1746	A6-V
DS1747	A5	DS1747	A5-W	DS1747	A6
DS1747	A6-W	DS1748	A5-AB	DS1748	A5-A
DS1904	A	DS1921	A2-F51	DS1921	A3
DS1921	A3-F51	DS1921	A3-F52	DS1990	H3
DS1990	J3	DS21Q43	A3-A	DS2401	C1
DS2401	C2	DS2405	B1	DS2405	B2
DS2409	A1	DS2415	A1	DS2417	A1

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0.6  $\mu$ m Capacitor

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*Monitor Device(s)*

DS1775 A2 DS21352 A4

*Product Rev*

DS1722	A2	DS1722	A4	DS1775	A1
DS1775	A2	DS21348	B1	DS21352	A3
DS21352	A4	DS21354	A1	DS2148	A2-3
DS2148	A2-5	DS2148	B1	DS21552	A3
DS21552	A4	DS21554	A3	DS21600	A2
DS21602	A2	DS2196	A3	DS2196	A4
DS2197	A3	DS21Q352	A3	DS21Q352	A4
DS21Q354	A1	DS21Q354	A4	DS21Q50	A1
DS21Q552	A3	DS21Q552	A4	DS21Q554	A3
DS21Q554	A4	DS2890	A3		

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0.6  $\mu$ m Buried contacts w/silicided poly

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*Monitor Device(s)*

				<i>Product</i>	<i>Rev</i>						
DS5002	C4	DS5002	C5	DS5002	C6	DS5001	C3	DS5001	C4	DS5001	C5
						DS5001	C6	DS5002	C1	DS5002	C4
						DS5002	C5	DS5002	C5-M	DS5002	C6
						DS5002	C6-M	DS5002	C7-M		

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0.6  $\mu$ m EPROM process

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*Monitor Device(s)*

DS2502 C3

*Product Rev*

DS1411	A-S09	DS1411	B-S09	DS1411	E
DS1411	F	DS1981	D4	DS1981	D5
DS1982	D2	DS1982	D3	DS1982	D4
DS1982	D5	DS1985	B1	DS1985	B2
DS2450	A3	DS2501	C3	DS2501	C4
DS2502	C2	DS2502	C3	DS2503	B1
DS2505	B1				

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0.6  $\mu$ m PolySilicide

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***Monitor Device(s)***

DS80CH11 A4

***Product Rev***

DS1954	B4-12	DS1954	B6-12	DS1954	B7-1;
DS1954	B9-12	DS80C310	D1	DS80C323	C2
DS80C323	C4	DS80C323	C5	DS80CH11	A2
DS80CH11	A3	DS80CH11	A4	DS83C950	B4-1;
DS83C950	B4-12	DS83C950	B4-12	DS83C950	B6-1;
DS83C950	B6-12	DS83C950	B6-12	DS83C950	B7-1;
DS83C950	B7-12	DS83C950	B7-12	DS83C950	B9-1;

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0.6  $\mu\text{m}$  EPROM w/silicided poly(s)

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<i>Product</i>	<i>Rev</i>				
DS87C550	A3		DS87C550	A5	DS87C550 A9

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0.6  $\mu\text{m}$  E2PROM +Negative zero tempco poly + Capacitor

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<i>Product</i>	<i>Rev</i>				
DS1820	B5	DS1820	B5	DS1820	B6
DS1822	B6	DS1822	B6-PA		

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0.6  $\mu\text{m}$  E2PROM process

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<i>Product</i>	<i>Rev</i>				
DS1100	A3	DS1100L	B1	DS1135	A1
DS1135L	A1				

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0.6  $\mu\text{m}$  Negative zero tempco poly

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<i>Product</i>	<i>Rev</i>				
DS1050	A1-001	DS1050	A1-005	DS1050	A1-0
DS1050	A1-025	DS1052	A2-100	DS1830	B1
DS1830	B1-A	DS1831	A2	DS1831	A2-A
DS1831	A2-B	DS2117M	B2	DS2117M	B4
DS2117M	B4	DS2117M	B4	DS2117M	C1
DS2117M	C1	DS2118M	B1	DS2118M	B1
DS2118M	C1	DS2118M	C1	DS2119M	B2
DS2119M	B4	DS2119M	B4	DS2119M	B4
DS2119M	C1	DS2119M	C1		

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0.6  $\mu$ m E2PROM w/ Capacitor Process

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<i>Product</i>	<i>Rev</i>				
DS1847	B1	DS1848	B1	DS1973	A3
DS2432	A3	DS2436	C6	DS2436	C7
DS2438	A5	DS2760	B2		

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0.6  $\mu\text{m}$  E2PROM process

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<i>Product</i>	<i>Rev</i>				
DS1809	B2	DS1809	B2	DS1809	B2
DS1845	A2	DS1845	A2	DS1845	A2
DS1845	A2	DS1845	A2	DS1855	B1
DS1973	A2	DS2702	A5		

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0.8  $\mu$ m Standard Process

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<i>Monitor Device(s)</i>				<i>Product</i>		<i>Rev</i>					
DS1232	C2	DS1302	A3	DS1315	B1	DS1033	B2	DS1035	C1	DS1044	C1
DS1803	A2	DS1868	A4	DS1992	E6	DS1044	C2	DS1232	C1-L	DS1232	C2
						DS1232	C2-L	DS1251	B-Y	DS1251	B-Y
						DS1251	B-Y	DS12887	A2-B	DS1302	A3
						DS1302	A4	DS1305	A4	DS1305	A4-A
						DS1306	A2	DS1307	A3	DS1307	A4
						DS1308	A1	DS1315	B1	DS1315	B1
						DS1315	B1	DS1411	A-S09	DS1411	B-S0
						DS1411	E	DS1411	F	DS1480	A2
						DS1481	A1	DS1481	A3	DS1670	A2
						DS1671	A4	DS1673	A2-3	DS1673	A2-5
						DS1674	A1	DS1685	B2-5	DS1721	B3
						DS1721	B4	DS17285	A1-3	DS17285	A2-3
						DS17285	A2-5	DS17287	A1-3	DS17287	A2-3
						DS17287	A2-5	DS17485	A1-3	DS17485	A2-3
						DS17485	A4-3	DS17485	A4-5	DS17487	A2-3
						DS17487	A4-3	DS17487	A4-5	DS17885	A1-3
						DS17885	A1-5	DS17885	A2-3	DS17885	A2-5
						DS17887	A1-3	DS17887	A1-3	DS17887	A2-3
						DS17887	A2-5	DS1800	A1	DS1801	A2
						DS1802	A2	DS1803	A2	DS1803	A2
						DS1803	A2	DS1806	A1	DS1806	A1
						DS1806	A1	DS1807	A1	DS1832	A2
						DS1832	A3	DS1832	C2	DS1844	A1
						DS1844	A1	DS1844	A2	DS1866	A1
						DS1866	A2	DS1868	A4	DS1868	A4-A
						DS1868	A4-B	DS1868	A4-C	DS1963	A1
						DS1963	A2	DS1963	A3	DS1992	E6
						DS1992	E7	DS1993	E6	DS1993	E7
						DS1996	B4	DS21Q41	A1-B	DS2401	B2
						DS2423	A3	DS2464	B4	DS24S02	A4
						DS24S03	A4	DS4201	A4	DS4201	A5

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DS56	A2	DS75	A2	DS75	A3
DS75	A4	DS75	A5		

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0.8  $\mu$ m Capacitor

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*Monitor Device(s)*

DS2153 A7 DS2154 A2

*Product Rev*

DS2151 B5 DS2153 A5 DS2153 A7  
DS2154 A2

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0.8  $\mu$ m EPROM process

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<i>Product</i>	<i>Rev</i>				
DS1023	B1	DS1023	B2	DS2406	A1
DS2406	A2	DS2407	A2	DS2407	A3
DS2407	A4	DS2502	B5	DS2502	B6
DS2503	A1	DS2505	A4	DS2505	A5
DS2505	A6	DS2506	A5	DS29020	A6-30
DS32KHZ	A6	DS32KHZ	A7	DS76KHZ	A6

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0.8  $\mu\text{m}$  PolySilicide

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<i>Product</i>	<i>Rev</i>				
DS80C310	A2	DS80C323	B3	DS80C323	B5
DS80CH10	B1	DS80CH10	B3	DS83C520	A1
DS83C520	A3	DS83C520	A3		

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0.8  $\mu$ m EPROM w/silicided poly(s)

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*Monitor Device(s)*

DS87C520 A13                      DS87C520 A14

*Product    Rev*

DS80CH10	A3	DS80CH10	A5	DS87C520	A13
DS87C520	A13	DS87C520	A14	DS87C520	A14
DS87C530	A10	DS87C530	A11	DS87C530	A12
DS87C530	A13	DS87C530	A14	DS87C530	A15

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0.8  $\mu\text{m}$  E2PROM process

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<i>Product</i>	<i>Rev</i>				
DS1065	A1	DS1073	A1	DS1073	A2
DS1075	A1	DS1075	A2	DS1075	A3
DS2436	A2				

0.8 μm Negative zero tempco poly

**Monitor Device(s)**

DS21S07 C1-A DS3816 A-C501

**Product Rev**

DS1230	A1-W	DS1231	D3	DS1231	D3
DS1231	D3	DS1245	A1-W	DS1245	B1-A
DS1245	B1-Y	DS1249	B-A	DS1254	A
DS1258	A1-AB	DS1258	A1-Y	DS1258	B1-A
DS1258	B1-Y	DS1258	C1-AB	DS1258	C1-Y
DS1312	A5	DS1314	A5	DS1321	A2
DS1321	A3	DS1323	A1	DS1345	A1-M
DS13D12	A5	DS13D14	A5	DS13D21	A3
DS1705	A3	DS1705	A4	DS1705	B1
DS1706	A3	DS1706	A3-L	DS1706	A4
DS1706	A4-L	DS1706	A4-P	DS1706	A4-R
DS1706	A4-S	DS1706	A4-T	DS1706	B1
DS1706	B1-L	DS1706	B1-P	DS1706	B1-R
DS1706	B1-S	DS1706	B1-T	DS1707	A3
DS1707	A4	DS1707	B1	DS1708	A3
DS1708	A4	DS1708	A4-R	DS1708	A4-S
DS1708	A4-T	DS1708	B1	DS1708	B1-R
DS1708	B1-S	DS1708	B1-T	DS1780	A4
DS1810	A6	DS1810	A6	DS1810	A6
DS1810	A7	DS1810	A7	DS1810	A7
DS1811	A6	DS1811	A6	DS1811	A6
DS1811	A7	DS1811	A7	DS1811	A7
DS1812	A6	DS1812	A6	DS1812	A6
DS1812	A7	DS1812	A7	DS1812	A7
DS1813	A5	DS1813	A5	DS1813	A5
DS1813	A6	DS1813	A6	DS1813	A6
DS1814	B2	DS1814	B3	DS1814	B3
DS1814	B3	DS1814	B3	DS1814	B3
DS1814	B3	DS1814	B4	DS1814	B4
DS1814	B4	DS1814	B4	DS1814	B4
DS1814	B4	DS1814	B5	DS1814	B5
DS1814	B5	DS1814	B5	DS1814	B5

DS1814	B5	DS1815	A6	DS1815	A6
DS1815	A6	DS1815	A7	DS1815	A7
DS1815	A7	DS1816	A6	DS1816	A6
DS1816	A6	DS1816	A7	DS1816	A7
DS1816	A7	DS1817	A6	DS1817	A6
DS1817	A6	DS1817	A7	DS1817	A7
DS1817	A7	DS1818	A5	DS1818	A5
DS1818	A5	DS1818	A6	DS1818	A6
DS1818	A6	DS1819	B1	DS1819	B1
DS1819	B1	DS1819	B1	DS1819	B1
DS1819	B1	DS1819	B1	DS1819	B1
DS1819	B1	DS1819	B2	DS1819	B3
DS1819	B3	DS1819	B4	DS1819	B5
DS1819	B5	DS1819	B5	DS1819	B5
DS1819	B5	DS1819	B5	DS1819	B5
DS1819	B5	DS1819	B5	DS1834	A2
DS1834	A2	DS1834	A2	DS1836	A4
DS2105	A3	DS2105	B1	DS2105	B2
DS2106	A1	DS2106	A2	DS2106	B1
DS2109	A5	DS2109	A7	DS2109	B1
DS2110	A1	DS2110	B3	DS2118M	A3
DS2118M	A4	DS21S07	B1-A	DS21S07	B2-A
DS21S07	C1-A	DS21T05	A3	DS21T06	A2
DS21T07	A3	DS21T11	A2	DS3816	A-C5
DS3816	A-C501	DS38432	A	DS38464	02

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0.8  $\mu$ m E2PROM process

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*Monitor Device(s)*

DS1620 D1 DS1621 A7

*Product Rev*

DS1620	D1	DS1621	A5	DS1621	A7
DS1623	A3	DS1624	A4	DS1629	A2
DS1720	A3	DS1804	A6	DS1804	A6
DS1804	A6	DS1821	A3	DS1920	A1-E
DS1971	A2	DS1971	A3	DS2430	A2-A
DS2430	A3-A	DS2434	D1	DS2435	B2
DS2435	B4	DS2437	A1	DS2437	A2
DS24S34	A2				

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1.2  $\mu\text{m}$  Standard Process

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<i>Monitor Device(s)</i>						<i>Product</i>	<i>Rev</i>				
DS1000	E3	DS12887	A2	DS1646	G	DS1000	E3	DS1004	E1	DS1012	B1
DS2165	B1	DS3816	A-C501			DS1040	A2	DS1202	A2	DS1205	B2
						DS1205	B4	DS1205	B5	DS1205	B7
						DS1245	A1-A	DS1245	A1-Y	DS1272	B2
						DS1273	B2	DS1285	C1	DS1285	C2
						DS12887	A2	DS1336	A1	DS1360	B1
						DS1380	B2	DS1384	A1	DS1385	A5
						DS1386	A1	DS1395	A3	DS1411	A-S0
						DS1411	B-S09	DS1411	E	DS1411	F
						DS14285	A3	DS14287	A3	DS14287	A3
						DS1464	A1	DS1602	A1	DS1608	B4
						DS1609	A1	DS1610	A3	DS1632	A1-H
						DS1632	A5	DS1640	A1	DS1646	A2
						DS1646	B1	DS1646	B2	DS1646	G
						DS1648	A3	DS1710	A4	DS1710	A5
						DS1921	A2-F51	DS1921	A3-F51	DS1921	A3-F:
						DS1991	E5	DS1991	E6	DS1991	E7
						DS1991	E8	DS2012	A3	DS2013	A1
						DS2016	A2	DS2068	A3	DS2102	C3
						DS2130	A1	DS2143	A1	DS2143	A3
						DS2164	A1	DS2165	B1	DS2223	B2
						DS2224	B2	DS2225	A1	DS2401	A2
						DS2401	A3	DS2404	B5	DS2404	C1
						DS2405	A2	DS2405	A3	DS2414	A1
						DS3816	A-C501	DS9502	A1	DS9503	A1

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1.2  $\mu\text{m}$  Old process

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<i>Product</i>	<i>Rev</i>		
DS2009	A1/2	DS2009	A3

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1.2  $\mu\text{m}$  Buried contacts w/silicided poly

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*Monitor Device(s)*

DS5002 M3-M

*Product Rev*

DS5001	A4	DS5001	B3	DS5002	A3
DS5002	B3	DS5002	B3-M	DS5002	B4
DS5002	B4-M	DS5002	M2-M	DS5002	M3-M
DS50C302	B2-M	DS50C302	M1-M		

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1.2  $\mu\text{m}$  EPROM process

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<i>Product</i>	<i>Rev</i>				
DS1045	A2	DS1688	A3	DS1689	A5
DS1691	A3	DS1693	A5	DS2502	A6

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1.2  $\mu$ m Implanted Poly 1

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***Monitor Device(s)***

DS1267 A2

***Product Rev***

DS1267 A1

DS1666 A1-010

DS1667 A2

DS1267 A2

DS1666 A1-100

DS1667 A2

DS1267 A2

DS1666 A2-010

DS1667 A2

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1.2  $\mu\text{m}$  Negative zero tempco poly

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*Monitor Device(s)*

DS2107A A6

*Product Rev*

DS2107A A5

DS2107A A6

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1.2  $\mu\text{m}$  Tera-ohm resistor

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*Monitor Device(s)*

DS1585 C1

*Product Rev*

DS1485 B3

DS1585 C1

DS1589 B3

DS1495 B3

DS1587 B1

DS1585 B3

DS1589 B1

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1.2  $\mu$ m E2PROM process

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*Monitor Device(s)*

DS1620 C2 DS1669 B3

*Product Rev*

DS1620 C2 DS1625 A1 DS1669 B3  
DS1669 B3 DS1669 B3 DS1669 B3  
DS1820 A2 DS1867 A3 DS1867 C1  
DS1867 C1 DS1867 C1 DS1867 C1+  
DS1867 C1+ DS1867 C1+ DS1869 A2  
DS1869 A3 DS1920 A1 DS1920 A1-E  
DS2435 A5

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1.2  $\mu\text{m}$  Zero tempco poly

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***Monitor Device(s)***

DS1233 A5

***Product Rev***

DS1233 A3  
DS1233 A5  
DS1233 A5  
DS1833 A2-B

DS1233 A5  
DS1233 A5  
DS1833 A1  
DS2107 A4

DS1233 A5  
DS1233 A5  
DS1833 A2

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1.5  $\mu\text{m}$  Standard Process

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<i>Product</i>	<i>Rev</i>
DS2141A	A1

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1.5  $\mu\text{m}$  Resistor (poly1 or poly2)

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<i>Product</i>	<i>Rev</i>		
DS1020	B5	DS1021	B5

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2.0  $\mu\text{m}$  Standard Process

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<i>Product</i>	<i>Rev</i>				
DS2010	B1	DS2011	B1	DS2167	A4

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2.0  $\mu\text{m}$  Buried contacts

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<i>Product</i>	<i>Rev</i>
DS5000	D6

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2.0  $\mu$ m Pfield

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<i>Monitor Device(s)</i>				<i>Product</i>		<i>Rev</i>					
DS2175	D1	DS2180A	B3	DS2181A	A2	DS1003	A2	DS1005	A2	DS1005	A2-C
						DS1007	A1	DS1007	A2	DS1010	B1
						DS1013	B1	DS1201	D1	DS1201	D1
						DS1204	F1	DS1236	A1-A	DS1236	A5
						DS1238	A1-A	DS1238	A5	DS1239	A5
						DS1239	A6	DS1259	C2	DS1260	C2
						DS1283	A3	DS1284	A3	DS1285	B3
						DS1286	A3	DS1359	C3	DS2175	D1
						DS2176	D4	DS2180A	B3	DS2181A	A2
						DS2182	A1-A	DS2182	D1	DS2186	C4
						DS2186	C4	DS2187	C4	DS2187	C7
						DS2187	C7	DS2188	C1		

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2.0  $\mu\text{m}$  Resistor (poly1 or poly2)

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<i>Product</i>	<i>Rev</i>		
DS1207	E2	DS1207	E2-N

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3.0  $\mu\text{m}$  Standard Process

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<i>Product</i>	<i>Rev</i>				
DS1206	B1	DS1214	A4	DS1215	D3
DS1215	D4	DS1215	D4	DS1216	na-B
DS1216	na-C	DS1216	na-D	DS1216	na-E
DS1216	na-F	DS1216	na-H	DS1218	D1
DS1218	D1	DS1220	A1-Y	DS1222	B1
DS1225	A1-Y	DS1232	C1	DS1234	C1
DS1291	B1	DS1292	B2		

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3.0  $\mu\text{m}$  POCL3 reFlow (3um only); FLASH E2PROM (all other tech. numbers)

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***Monitor Device(s)***

DS1210 C1 DS1225 A1-A

***Product Rev***

DS1210	C1	DS1212	B1	DS1213	na-B
DS1213	na-C	DS1213	na-D	DS1220	A1-A
DS1221	C1	DS1225	A1-A	DS1230	A1-A
DS1231	C1				

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5.0  $\mu\text{m}$  Standard Process

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*Monitor Device(s)*

DS232 B3-A

*Product Rev*

DS229 A3  
DS276 A2

DS232 B3-A

DS275 A2

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5.0  $\mu\text{m}$  Negative zero tempco poly

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*Monitor Device(s)*

DS2108 B7

*Product Rev*

DS2108 B1

DS2108 B7