



# 电子元器件系列

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# RMP Process Samples

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## 0.8 μm Double Poly, Double Metal

### Monitor Device(s)

<i>Monitor Device(s)</i>		<i>Product</i>		<i>Rev</i>	
DS2154	A2	DS2152	A2	DS2154	A2
		DS80CH10	A3	DS80CH10	A5
				DS32KHZ	A6

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## 0.6 μm Double Poly, Double Metal (Ti/TiN layers used on all Metals)

### Product Rev

DS1775	A1	DS21352	A3	DS21354	A1
DS21552	A3	DS21554	A3	DS2196	A3
DS87C550	A3				

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## 0.6 μm Double Poly, Single Metal (Ti/TiN layers used on all Metals)

### Monitor Device(s)

<i>Monitor Device(s)</i>		<i>Product</i>		<i>Rev</i>	
DS2502	C3	DS2450	A3	DS2502	C2
		DS2902	A7-32E	DS2502	C3

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## 0.8 μm Double Poly, Single Metal

### Monitor Device(s)

<i>Monitor Device(s)</i>		<i>Product</i>		<i>Rev</i>	
DS2153	A7	DS87C520	A13	DS2151	B5
		DS87C520	A14	DS2153	A5
				DS2406	A1
				DS2407	A2
				DS2407	A4
				DS2503	A1
				DS2505	A5
				DS2505	A6
				DS2505	A4
				DS2505	A4
				DS2505	A5
				DS2505	A5
				DS87C520	A13
				DS87C520	A14
				DS87C520	A13
				DS87C520	A14
				DS87C530	A10
				DS87C530	A11
				DS87C530	A13
				DS87C530	A14

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## 1.2 μm Double Poly, Single Metal

### Monitor Device(s)

<i>Monitor Device(s)</i>		<i>Product</i>		<i>Rev</i>	
DS1585	C1	DS1485	B3		

		DS1495	B3	DS1585	B3	
	DS1585	C1	DS1589	B1	DS1589	B3
	DS2009	A1/2	DS2009	A3	DS2012	A3
	DS2013	A1				

2.0  $\mu\text{m}$  Double Poly, Single Metal

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

0.8  $\mu\text{m}$  Single Poly, Double Metal

*Monitor Device(s)*

<i>Product</i>	<i>Rev</i>		
DS1302	A3	DS174855	A4
DS12885B	A2	DS1302	A3
DS1305A	A4	DS1306	A2
DS1307	A4	DS1308	A1
DS1670	A2	DS1673	A2
DS1674	A1	DS1677	A1
DS1685	B2	DS1721	B3
DS172853	A2	DS172855	A2
DS172873	A2	DS172875	A2
DS174853	A2	DS174853	A4
DS174873	A2	DS174873	A4
DS1780	A4	DS178853	A1
DS178855	A1	DS178855	A2
DS178873	A1	DS178873	A2
DS1803	A2	DS1803	A2
DS1806	A1	DS1806	A1
DS1844	A1	DS1844	A1
DS2118M	A3	DS2118M	A4
DS2435	B4	DS2437	A1
DS3708	A1	DS3708	A2
DS3708	B3	DS4201	A4
DS56	A2	DS75	A2
DS75	A4	DS80CH10	B1
		DS1305	A4
		DS1307	A3
		DS1629	A2
		DS1673	A2
		DS1685	B2
		DS172853	A1
		DS172873	A1
		DS174853	A1
		DS174855	A4
		DS174875	A4
		DS178853	A2
		DS178873	A1
		DS178875	A2
		DS1803	A2
		DS1806	A1
		DS1844	A2
		DS2435	B2
		DS2437	A2
		DS3708	B2
		DS4201	A5
		DS75	A3

1.2  $\mu\text{m}$  Single Poly, Double Metal

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**Monitor Device(s)**

DS5002M	M3					<b>Product</b>	<b>Rev</b>				
						DS5002M	B3	DS5002M	M2	DS5002M	M3
						DS50C302M	B2	DS50C302M	M1		

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**0.6 μm Single Poly, Double Metal (Ti/TiN layers used on all Metals)****Monitor Device(s)**

DS1643	C1					<b>Product</b>	<b>Rev</b>				
						DS1100	A3	DS1553	A1	DS1554W	A1
						DS1556	A	DS1556W	A	DS1557	A
						DS1557W	A1	DS1558AB	A2	DS1558AB	A4
						DS1558AD	A4	DS15AB43	A4	DS15AB53	A4
						DS1615	A7	DS1642	C1	DS1642W	C1
						DS1643	C1	DS1643W	C1	DS16AB43	A6
						DS1742	A6	DS80CH11	A2		

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**0.6 μm Single Poly, Single Metal (Ti/TiN layers used on all Metals)****Monitor Device(s)**

DS12885	C1	DS2401	C2	DS5002	C4	<b>Product</b>	<b>Rev</b>				
DS80C320	C5					DS12885	C1	DS1990	H3	DS2117M	B2
						DS2119M	B2	DS21Q43A	A3	DS2401	C1
						DS2401	C2	DS2405	B1	DS2405	B2
						DS2409	A1	DS2415	A1	DS2433-Z01	A7
						DS5001	C3	DS5001	C4	DS5002	C1
						DS5002	C4	DS80C310	D1	DS80C310	D2
						DS80C320	C4	DS80C320	C5	DS80C323	C2
						DS80C323	C4	DS80C323	C5		

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**0.8 μm Single Poly, Single Metal****Monitor Device(s)**

DS1620	D1	DS1621	A7	DS1868	A4	<b>Product</b>	<b>Rev</b>				
DS21S07A	F					DS1023	B1	DS1033	B2	DS1035	C1
						DS1044	C1	DS1065	A1	DS1073	A1
						DS1075	A1	DS1075	A2	DS1232L	C1
						DS1232L	C2	DS1245A	B1	DS1245W	A1
						DS1245Y	B1	DS1249A	B	DS1254	A
						DS1312	A5	DS1314	A5	DS1321	A3
						DS13D12	A5	DS13D14	A5	DS13D21	A2

DS1480	A1	DS1481	A1	DS1620	D1
DS1621	A5	DS1621	A7	DS1623	A3
DS1624	A4	DS1671	A4	DS1705	A3
DS1705	A4	DS1706	A4	DS1706L	A3
DS1706L	A4	DS1706P	A4	DS1706R	A4
DS1706S	A4	DS1706T	A4	DS1707	A3
DS1707	A4	DS1708	A3	DS1708	A4
DS1708R	A4	DS1708S	A4	DS1708T	A4
DS1720	A3	DS1800	A1	DS1801	A2
DS1802	A2	DS1804	A6	DS1804	A6
DS1807	A1	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	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	DS1821	A3	DS1832	A2
DS1832	A3	DS1834	A2	DS1834	A2
DS1834	A2	DS1836	A4	DS1866	A1
DS1866	A2	DS1868	A4	DS1963	A1
DS1963	A2	DS1963	A3	DS2105	A3
DS2105	B1	DS2105	B2	DS2105	C1
DS2106	A1	DS2106	A2	DS2106	B1
DS2109	A5	DS2109	A7	DS2110	A1
DS2110	B3	DS2112	A1	DS2114	C1
DS21Q41B	A1	DS21S07A	B1	DS21S07A	B2

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DS21S07A	F	DS21T05	A3	DS21T06	A2
DS21T07	A3	DS21T11	A2	DS2401	B2
DS2423	A3	DS2434	D1	DS2436	A2
DS2464	B4	DS2480	B1	DS24S02	A4
DS24S03	A4	DS24S03	B4	DS24S34	A2
DS2502	B5	DS2502	B6	DS80C310	A2
DS80C320	B3	DS80C323	B3	DS83C520	A1
DS83C520	A3				

1.2  $\mu$ m Single Poly, Single Metal

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<i>Monitor Device(s)</i>				<i>Product</i>		<i>Rev</i>					
DS1000	E3	DS1233	A5	DS1267	A2	DS1000	E3	DS1004	E1	DS1012	B1
DS1620	C2	DS1669	B3	DS2107A	A6	DS1040	A2	DS1045	A2	DS1202	A2
DS2165	B1					DS1205	B2	DS1205	B4	DS1205	B5
						DS1205	B7	DS1227	B3	DS1233	A3
						DS1233	A5	DS1233	A5	DS1233	A5
						DS1233	A5	DS1233	A5	DS1245A	A1
						DS1245Y	A1	DS1267	A1	DS1267	A2
						DS1267	A2	DS1272	B2	DS1273	B2
						DS1285	C1	DS1285	C2	DS12885	A2
						DS1336	A1	DS1360	B1	DS1380	B2
						DS1384	A1	DS1385	A5	DS1395	A3
						DS14285	A3	DS1464	A1	DS1602	A1
						DS1608	B4	DS1609	A1	DS1610	A3
						DS1620	C2	DS1625	A1	DS1632	A5
						DS1632H	A1	DS1640	A1	DS1648	A3
						DS1666	A1	DS1666	A1	DS1666	A1
						DS1667	A2	DS1667	A2	DS1667	A2
						DS1669	B3	DS1669	B3	DS1669	B3
						DS1669	B3	DS1688	A3	DS1689	A5
						DS1710	A4	DS1710	A5	DS1820	A2
						DS1833	A1	DS1833	A2	DS1833B	A2
						DS1867	A3	DS1867	C1	DS1869	A2
						DS2016	A2	DS2064	A4	DS2068	A3
						DS2102	C3	DS2107	A4	DS2107A	A5

DS2107A	A6	DS2130	A1	DS2132A	A1
DS2143	A1	DS2143	A3	DS2164	A1
DS2165	B1	DS2225	A1	DS2401	A2
DS2401	A3	DS2404	B5	DS2404	C1
DS2405	A2	DS2414	A1	DS2435	A5
DS2502	A6	DS5001	A4	DS5001	B3
DS5002	A3	DS5002	B3	DS9503	A1

1.5  $\mu\text{m}$  Single Poly, Single Metal

<i>Product</i>	<i>Rev</i>		
DS1020	B5	DS2141A	A1

2.0  $\mu\text{m}$  Single Poly, Single Metal

*Monitor Device(s)*

<i>Monitor Device(s)</i>	<i>Product</i>	<i>Rev</i>			
DS2175 D1	DS2180A B3	DS2181A A2	DS1003 A2	DS1005 A2	DS1007 A1
			DS1010 B1	DS1013 B1	DS1201 D1
			DS1204 F1	DS1207 E2	DS1207N E2
			DS1236 A5	DS1236A A1	DS1238 A5
			DS1238A A1	DS1239 A5	DS1239 A6
			DS1259 C2	DS1283 A3	DS1284 A3
			DS1285 B3	DS1359 C3	DS2167 A4
			DS2168 A1	DS2175 D1	DS2176 D4
			DS2180A B3	DS2181A A2	DS2182 D1
			DS2182A A1	DS2186 C4	DS2187 C4
			DS2187 C7	DS2188 C1	DS5000 D6

3.0  $\mu\text{m}$  Single Poly, Single Metal

*Monitor Device(s)*

<i>Monitor Device(s)</i>	<i>Product</i>	<i>Rev</i>		
DS1210 C1	DS1206 B1	DS1210 C1	DS1212 B1	
	DS1214 A4	DS1215 D3	DS1215 D4	
	DS1215 D4	DS1216 B	DS1216 C	
	DS1216 D	DS1216 E	DS1216 F	
	DS1216 H	DS1218 D1	DS1221 C1	
	DS1222 B1	DS1231 C1	DS1232 C1	

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DS1234	C1	DS1291	B1	DS1292	B2
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5.0  $\mu\text{m}$  Single Poly, Single Metal

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*Monitor Device(s)*

DS2108	B7	DS232A	B3
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*Product Rev*

DS2108	B1	DS2108	B7	DS229	A3
DS232A	B3	DS275	A1	DS276	A2

0.8  $\mu\text{m}$  Single Poly, Triple Metal

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*Product Rev*

DS2172	A2
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0.6  $\mu\text{m}$  Single Poly, Triple Metal (Ti/TiN used on M1,M2; M3=no Ti/TiN)

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*Product Rev*

DS1954	B4	DS1954	B6	DS1954	B7
DS83C950	B4	DS83C950	B4	DS83C950	B4
DS83C950	B6	DS83C950	B6	DS83C950	B6
DS83C950	B7	DS83C950	B7	DS83C950	B7

1.2  $\mu\text{m}$  No Poly, Single Metal

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*Product Rev*

DS9502	A1
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