

# DS-IMP Selector & Cross Reference Guide



- **Microprocessor Supervisors**
- **PWM Controllers**
- **Electroluminescent Lamp Drivers**
- **USB Switch & SCSI Terminators**
- **Low/High Current Voltage Regulators**
- **UART Receiver/Transmitter**
- **PCM Data Switch**

**IMP**<sup>®</sup>

*ISO 9001 Registered*

[www.ds-imp.com.cn](http://www.ds-imp.com.cn)

086.574.87906358

**PRODUCT FAMILY LISTING:**

- Supervisors
- PWM Controller
- EL Lamp Drivers
- USB
- LDO (Low Current)
- LDO (High Current)
- SCSI
- UARTS
- PCM Data Switch

For additional info, contact:  
 7 Keda Road, Hi-Tech Park,  
 NingBo,Zhejiang, P.R.C. 315040  
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**Product Family : Supervisors**

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP690ACPA	8-pin, PDIP	4.65	Low	YES	MAX690ACPA	ADM690AAN		Is=100uA, 70% Lower than Maxim
IMP690ACSA	8-pin, SO	4.65	Low	YES	MAX690ACSA	ADM690AARN		Is=100uA, 70% Lower than Maxim
IMP690AEP	8-pin, PDIP	4.65	Low	YES	MAX690AEP	ADM690AAN		Is=100uA, 70% Lower than Maxim
IMP690AESA	8-pin, SO	4.65	Low	YES	MAX690AESA	ADM690AARN		Is=100uA, 70% Lower than Maxim
IMP692ACPA	8-pin, PDIP	4.40	Low	YES	MAX692ACPA	ADM692AAN		Is=100uA, 70% Lower than Maxim
IMP692ACSA	8-pin, SO	4.40	Low	YES	MAX692ACSA	ADM692AARN		Is=100uA, 70% Lower than Maxim
IMP692AEP	8-pin, PDIP	4.40	Low	YES	MAX692AEP	ADM692AAN		Is=100uA, 70% Lower than Maxim
IMP692AESA	8-pin, SO	4.40	Low	YES	MAX692AESA	ADM692AARN		Is=100uA, 70% Lower than Maxim
IMP705CPA	8-pin, DIP	4.65	Low	YES	MAX705CPA	ADM705AN	MIC705	Is=140uA, 60% Lower than Maxim
IMP705CSA	8-pin, SO	4.65	Low	YES	MAX705CSA	ADM705AR	MIC705	Is=140uA, 60% Lower than Maxim
IMP705CUA	8-pin, MicroSO	4.65	Low	YES	MAX705CUA		MIC705	Is=140uA, 60% Lower than Maxim
IMP705EPA	8-pin, DIP	4.65	Low	YES	MAX705EPA	ADM705AN	MIC705	Is=140uA, 60% Lower than Maxim
IMP705ESA	8-pin, SO	4.65	Low	YES	MAX705ESA	ADM705AR	MIC705	Is=140uA, 60% Lower than Maxim
IMP706CPA	8-pin, DIP	4.40	Low	YES	MAX706CPA	ADM706AN	MIC706	Is=140uA, 30% Lower than Maxim
IMP706CSA	8-pin, SO	4.40	Low	YES	MAX706CSA	ADM706AR	MIC706	Is=140uA, 30% Lower than Maxim
IMP706CUA	8-pin, MicroSO	4.40	Low	YES	MAX706CUA		MIC706	Is=140uA, 30% Lower than Maxim
IMP706EPA	8-pin, DIP	4.40	Low	YES	MAX706EPA	ADM706AN	MIC706	Is=140uA, 30% Lower than Maxim
IMP706ESA	8-pin, SO	4.40	Low	YES	MAX706ESA	ADM706AR	MIC706	Is=140uA, 30% Lower than Maxim
IMP706PCPA	8-pin, DIP	2.63	High	YES	MAX706PCPA		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PCSA	8-pin, SO	2.63	High	YES	MAX706PCSA		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PCUA	8-pin, MicroSO	2.63	High	YES	MAX706PCUA		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PEPA	8-pin, DIP	2.63	High	YES	MAX706PEPA	ADM706PAN	MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PESA	8-pin, SO	2.63	High	YES	MAX706PESA	ADM706PAR	MIC706P	Is=140uA, 30% Lower than Maxim
IMP706RCPA	8-pin, DIP	2.63	Low	YES	MAX706RCPA		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RCSA	8-pin, SO	2.63	Low	YES	MAX706RCSA		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RCUA	8-pin, MicroSO	2.63	Low	YES	MAX706RCUA		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706REPA	8-pin, DIP	2.63	Low	YES	MAX706REPA	ADM706RAN	MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RESA	8-pin, SO	2.63	Low	YES	MAX706RESA	ADM706RAR	MIC706R	Is=140uA, 30% Lower than Maxim
IMP706SCPA	8-pin, DIP	2.93	Low	YES	MAX706SCPA		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SCSA	8-pin, SO	2.93	Low	YES	MAX706SCSA		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SCUA	8-pin, MicroSO	2.93	Low	YES	MAX706SCUA		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SEPA	8-pin, DIP	2.93	Low	YES	MAX706SEPA	ADM706SAN	MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SESA	8-pin, SO	2.93	Low	YES	MAX706SESA	ADM706SAR	MIC706S	Is=140uA, 30% Lower than Maxim
IMP706TCPA	8-pin, DIP	3.08	Low	YES	MAX706TCPA		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TCSA	8-pin, SO	3.08	Low	YES	MAX706TCSA		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TCUA	8-pin, MicroSO	3.08	Low	YES	MAX706TCUA		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TEPA	8-pin, DIP	3.08	Low	YES	MAX706TEPA	ADM706TAN	MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TESA	8-pin, SO	3.08	Low	YES	MAX706TESA	ADM706TAR	MIC706T	Is=140uA, 30% Lower than Maxim
IMP706JCPA	8-pin, DIP	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JCSA	8-pin, SO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JCUA	8-pin, MicroSO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JEPA	8-pin, DIP	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JESA	8-pin, SO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP707CPA	8-pin, DIP	4.65	Dual: L/H	NO	MAX707CPA	ADM707AN	MIC707	Is=140uA, 60% Lower than Maxim
IMP707CSA	8-pin, SO	4.65	Dual: L/H	NO	MAX707CSA	ADM707AR	MIC707	Is=140uA, 60% Lower than Maxim
IMP707CUA	8-pin, MicroSO	4.65	Dual: L/H	NO	MAX707CUA	ADM707ARM	MIC707	Is=140uA, 60% Lower than Maxim
IMP707EPA	8-pin, DIP	4.65	Dual: L/H	NO	MAX707EPA	ADM707AN	MIC707	Is=140uA, 60% Lower than Maxim
IMP707ESA	8-pin, SO	4.65	Dual: L/H	NO	MAX707ESA	ADM707AR	MIC707	Is=140uA, 60% Lower than Maxim
IMP708CPA	8-pin, DIP	4.40	Dual: L/H	NO	MAX708CPA	ADM708AN	MIC708	Is=140uA, 30% Lower than Maxim
IMP708CSA	8-pin, SO	4.40	Dual: L/H	NO	MAX708CSA	ADM708AR	MIC708	Is=140uA, 30% Lower than Maxim
IMP708CUA	8-pin, MicroSO	4.40	Dual: L/H	NO	MAX708CUA	ADM708ARM	MIC708	Is=140uA, 30% Lower than Maxim
IMP708EPA	8-pin, DIP	4.40	Dual: L/H	NO	MAX708EPA	ADM708AN	MIC708	Is=140uA, 30% Lower than Maxim
IMP708ESA	8-pin, SO	4.40	Dual: L/H	NO	MAX708ESA	ADM708AR	MIC708	Is=140uA, 30% Lower than Maxim
IMP708RCPA	8-pin, DIP	2.63	Dual: L/H	NO	MAX708RCPA		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RCSA	8-pin, SO	2.63	Dual: L/H	NO	MAX708RCSA		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RCUA	8-pin, MicroSO	2.63	Dual: L/H	NO	MAX708RCUA		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708REPA	8-pin, DIP	2.63	Dual: L/H	NO	MAX708REPA	ADM708RAN	MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RESA	8-pin, SO	2.63	Dual: L/H	NO	MAX708RESA	ADM708RAR	MIC708R	Is=140uA, 30% Lower than Maxim
IMP708SCPA	8-pin, DIP	2.93	Dual: L/H	NO	MAX708SCPA		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SCSA	8-pin, SO	2.93	Dual: L/H	NO	MAX708SCSA		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SCUA	8-pin, MicroSO	2.93	Dual: L/H	NO	MAX708SCUA		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SEPA	8-pin, DIP	2.93	Dual: L/H	NO	MAX708SEPA	ADM708SAN	MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SESA	8-pin, SO	2.93	Dual: L/H	NO	MAX708SESA	ADM708SAR	MIC708S	Is=140uA, 30% Lower than Maxim
IMP708TCPA	8-pin, DIP	3.08	Dual: L/H	NO	MAX708TCPA		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TCSA	8-pin, SO	3.08	Dual: L/H	NO	MAX708TCSA		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TCUA	8-pin, MicroSO	3.08	Dual: L/H	NO	MAX708TCUA		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TEPA	8-pin, DIP	3.08	Dual: L/H	NO	MAX708TEPA	ADM708TAN	MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TESA	8-pin, SO	3.08	Dual: L/H	NO	MAX708TESA	ADM708TAR	MIC708T	Is=140uA, 30% Lower than Maxim
IMP802LCPA	8-pin, PDIP	4.65	LOW	YES	MAX802LCPA	ADM802LAN		Is=100uA, 70% Lower than Maxim
IMP802LCSA	8-pin, SO	4.65	LOW	YES	MAX802LCSA	ADM802LARN		Is=100uA, 70% Lower than Maxim
IMP802LEPA	8-pin, PDIP	4.65	LOW	YES	MAX802LEPA	ADM802LAN		Is=100uA, 70% Lower than Maxim
IMP802LESA	8-pin, SO	4.65	LOW	YES	MAX802LESA	ADM802LARN		Is=100uA, 70% Lower than Maxim
IMP802MCPA	8-pin, PDIP	4.40	LOW	YES	MAX802MCPA	ADM802MAN		Is=100uA, 70% Lower than Maxim
IMP802MCSA	8-pin, SO	4.40	LOW	YES	MAX802MCSA	ADM802MARN		Is=100uA, 70% Lower than Maxim
IMP802MEPA	8-pin, PDIP	4.40	LOW	YES	MAX802MEPA	ADM802MAN		Is=100uA, 70% Lower than Maxim
IMP802MESA	8-pin, SO	4.40	LOW	YES	MAX802MESA	ADM802MARN		Is=100uA, 70% Lower than Maxim

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### Product Family : Supervisors (cont'd.)

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP805LCPA	8-pin, PDIP	4.40	HIGH	YES	MAX805LCPA	ADM805LAN		Is=100uA, 70% Lower than Maxim
IMP805LCSA	8-pin, SO	4.40	HIGH	YES	MAX805LCSA	ADM805LARN		Is=100uA, 70% Lower than Maxim
IMP805LEPA	8-pin, PDIP	4.40	HIGH	YES	MAX805LEPA	ADM805LAN		Is=100uA, 70% Lower than Maxim
IMP805LESA	8-pin, SO	4.40	HIGH	YES	MAX805LESA	ADM805LARN		Is=100uA, 70% Lower than Maxim
IMP809JEUR	3-pin, SOT-23	4.00	LOW		MAX809JEUR	ADM809JAR	MIC809	Supply Current,75% Lower than Maxim
IMP809LEUR	3-pin, SOT-23	4.63	LOW		MAX809LEUR	ADM809LAR	MIC809	Supply Current,75% Lower than Maxim
IMP809MEUR	3-pin, SOT-23	4.38	LOW		MAX809MEUR	ADM809MAR	MIC809	Supply Current,75% Lower than Maxim
IMP809REUR	3-pin, SOT-23	2.63	LOW		MAX809REUR	ADM809RAR	MIC809	Supply Current,75% Lower than Maxim
IMP809SEUR	3-pin, SOT-23	2.93	LOW		MAX809SEUR	ADM809SAR	MIC809	Supply Current,75% Lower than Maxim
IMP809TEUR	3-pin, SOT-23	3.08	LOW		MAX809TEUR	ADM809TAR	MIC809	Supply Current,75% Lower than Maxim
IMP810JEUR	3-pin, SOT-23	4.00	HIGH		MAX810JEUR	ADM810JAR	MIC810	Supply Current,75% Lower than Maxim
IMP810LEUR	3-pin, SOT-23	4.63	HIGH		MAX810LEUR	ADM810LAR	MIC810	Supply Current,75% Lower than Maxim
IMP810MEUR	3-pin, SOT-23	4.38	HIGH		MAX810MEUR	ADM810MAR	MIC810	Supply Current,75% Lower than Maxim
IMP810REUR	3-pin, SOT-23	2.63	HIGH		MAX810REUR	ADM810RAR	MIC810	Supply Current,75% Lower than Maxim
IMP810SEUR	3-pin, SOT-23	2.93	HIGH		MAX810SEUR	ADM810SAR	MIC810	Supply Current,75% Lower than Maxim
IMP810TEUR	3-pin, SOT-23	3.08	HIGH		MAX810TEUR	ADM810TAR	MIC810	Supply Current,75% Lower than Maxim
IMP811JEUUS	4-pin, SOT-143	4.00	LOW		MAX811JEUUS	ADM811JAR	MIC811	Supply Current,75% Lower than Maxim
IMP811LEUUS	4-pin, SOT-143	4.63	LOW		MAX811LEUUS	ADM811LAR	MIC811	Supply Current,75% Lower than Maxim
IMP811MEUUS	4-pin, SOT-143	4.38	LOW		MAX811MEUUS	ADM811MAR	MIC811	Supply Current,75% Lower than Maxim
IMP811REUUS	4-pin, SOT-143	2.63	LOW		MAX811REUUS	ADM811RAR	MIC811	Supply Current,75% Lower than Maxim
IMP811SEUUS	4-pin, SOT-143	2.93	LOW		MAX811SEUUS	ADM811SAR	MIC811	Supply Current,75% Lower than Maxim
IMP811TEUUS	4-pin, SOT-143	3.08	LOW		MAX811TEUUS	ADM811TAR	MIC811	Supply Current,75% Lower than Maxim
IMP812JEUUS	4-pin, SOT-143	4.00	HIGH		MAX812JEUUS	ADM812JAR	MIC812	Supply Current,75% Lower than Maxim
IMP812LEUUS	4-pin, SOT-143	4.63	HIGH		MAX812LEUUS	ADM812LAR	MIC812	Supply Current,75% Lower than Maxim
IMP812MEUUS	4-pin, SOT-143	4.38	HIGH		MAX812MEUUS	ADM812MAR	MIC812	Supply Current,75% Lower than Maxim
IMP812REUUS	4-pin, SOT-143	2.63	HIGH		MAX812REUUS	ADM812RAR	MIC812	Supply Current,75% Lower than Maxim
IMP812SEUUS	4-pin, SOT-143	2.93	HIGH		MAX812SEUUS	ADM812SAR	MIC812	Supply Current,75% Lower than Maxim
IMP812TEUUS	4-pin, SOT-143	3.08	HIGH		MAX812TEUUS	ADM812TAR	MIC812	Supply Current,75% Lower than Maxim
IMP813LCPA	8-pin, DIP	4.65	HIGH	YES	MAX813LCPA			Is=140uA, 60% Lower than Maxim
IMP813LCSA	8-pin, SO	4.65	HIGH	YES	MAX813LCSA			Is=140uA, 60% Lower than Maxim
IMP813LCUA	8-pin, MicroSO	4.65	HIGH	YES	MAX813LCUA			Is=140uA, 60% Lower than Maxim
IMP813LEPA	8-pin, DIP	4.65	HIGH	YES	MAX813LEPA			Is=140uA, 60% Lower than Maxim
IMP813LESA	8-pin, SO	4.65	HIGH	YES	MAX813LESA			Is=140uA, 60% Lower than Maxim
IMP1232LP	8-pin, DIP	5	30	0 to 70C	DS1232LPUN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPCMA	8-pin, MicroSO	5	30	0 to 70C	DS1232LPN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPEMA	8-pin, MicroSO	5	30	-40 to 85C	DS1232LPS	ADM1232ARM,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPN	8-pin, DIP	5	30	-40 to 85C	DS1232LPS-2	ADM1232AN,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPS	16-pin, SO	5	30	0 to 70C	DS1232LPSN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPS-2	8-pin, SO	5	30	0 to 70C	DS1232LPSN-2		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPSN	16-pin, SO	5	30	-40 to 85C	DS1233D-10	ADM1232ARW,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPSN-2	8-pin, SO	5	30	-40 to 85C	DS1233D-15	ADM1232ARN,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1832	8-pin, DIP	3.3	20	0 to 70C	DS1832		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1832S	8-pin, SO	3.3	20	-40 to 85C	DS1832S		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1832EMA	8-pin, MicroSO	3.3	20	-40 to 85C	DS1832UN		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1233D-5	3-pin, TO-92	4.625	5	Open-Drain	DS1233DZ-15	MCP130-475/TO		Is=20uA
IMP1233D-10	3-pin, TO-92	4.375	10	Open-Drain	DS1233D-5	MCP130-450/TO		Is=20uA
IMP1233D-15	3-pin, TO-92	4.125	15	Open-Drain	DS1233DZ-10	MCP130-450/TO		Is=20uA
IMP1233DZ-5	3-pin, SOT-223	4.625	5	Open-Drain	DS1233M-5			Is=20uA
IMP1233DZ-10	3-pin, SOT-223	4.375	10	Open-Drain	DS1233DZ-5			Is=20uA
IMP1233DZ-15	3-pin, SOT-223	4.125	15	Open-Drain	DS1233M-3			Is=20uA
IMP1233M-55	3-pin, TO-92	4.625	5	Open-Drain	DS1233M-55	MCP130-475/TO		Is=20uA
IMP1233M-5	3-pin, TO-92	4.375	10	Open-Drain	DS1233M-5	MCP130-450/TO		Is=20uA
IMP1233M-3	3-pin, TO-92	2.72	15	Open-Drain	DS1233M-3	MCP130-315/TO		Is=20uA
IMP1233MS-55	8-pin, SO	4.625	5	Open-Drain	DS1233MS-55			Is=20uA
IMP1233MS-5	8-pin, SO	4.375	10	Open-Drain	DS1233MS-5			Is=20uA
IMP1233MS-3	8-pin, SO	2.72	15	Open-Drain	DS1233MS-3			Is=20uA
IMP1810-5	3-pin, TO-92	4.62	LOW	Push-Pull	DS1810-15			Is=15uA, 57% Lower than Dallas
IMP1810-10	3-pin, TO-92	4.37	LOW	Push-Pull	DS1810-10	MIC1810		Is=15uA, 57% Lower than Dallas
IMP1810-15	3-pin, TO-92	4.12	LOW	Push-Pull	DS1810-15	MIC1810		Is=15uA, 57% Lower than Dallas
IMP1810R-5	3-pin, SOT-23	4.62	LOW	Push-Pull	DS1810R-5	MIC1810		Is=15uA, 57% Lower than Dallas
IMP1810R-10	3-pin, SOT-23	4.37	LOW	Push-Pull	DS1810R-10	MIC1810		Is=15uA, 57% Lower than Dallas
IMP1810R-15	3-pin, SOT-23	4.12	LOW	Push-Pull	DS1810R-15	MIC1810		Is=15uA, 57% Lower than Dallas
IMP1811-5	3-pin, TO-92	4.62	LOW	Open-Drain	DS1811-5			Is=15uA, 57% Lower than Dallas
IMP1811-10	3-pin, TO-92	4.35	LOW	Open-Drain	DS1811-10			Is=15uA, 57% Lower than Dallas
IMP1811-15	3-pin, TO-92	4.13	LOW	Open-Drain	DS1811-15			Is=15uA, 57% Lower than Dallas
IMP1811R-5	3-pin, SOT-23	4.62	LOW	Open-Drain	DS1811R-5			Is=15uA, 57% Lower than Dallas
IMP1811R-10	3-pin, SOT-23	4.35	LOW	Open-Drain	DS1811R-10			Is=15uA, 57% Lower than Dallas
IMP1811R-15	3-pin, SOT-23	4.13	LOW	Open-Drain	DS1811R-15			Is=15uA, 57% Lower than Dallas
IMP1812-5	3-pin, TO-92	4.62	HIGH	Push-Pull	DS1812-5			Is=15uA, 57% Lower than Dallas
IMP1812-10	3-pin, TO-92	4.35	HIGH	Push-Pull	DS1812-10			Is=15uA, 57% Lower than Dallas
IMP1812-15	3-pin, TO-92	4.13	HIGH	Push-Pull	DS1812-15			Is=15uA, 57% Lower than Dallas
IMP1812R-5	3-pin, SOT-23	4.62	HIGH	Push-Pull	DS1812R-5			Is=15uA, 57% Lower than Dallas
IMP1812R-10	3-pin, SOT-23	4.35	HIGH	Push-Pull	DS1812R-10			Is=15uA, 57% Lower than Dallas
IMP1812R-15	3-pin, SOT-23	4.13	HIGH	Push-Pull	DS1812R-15			Is=15uA, 57% Lower than Dallas

**PRODUCT FAMILY LISTING:**

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8. UARTS
9. PCM Data Switch

For additional info, contact:  
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**Product Family : Supervisors (cont'd.)**

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP1815-5	3-pin, TO-92	3.06	LOW	Push-Pull	DS1815-5		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815-10	3-pin, TO-92	2.88	LOW	Push-Pull	DS1815-10		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815-20	3-pin, TO-92	2.55	LOW	Push-Pull	DS1815-20		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-5	3-pin, SOT-23	3.06	LOW	Push-Pull	DS1815R-5		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-10	3-pin, SOT-23	2.88	LOW	Push-Pull	DS1815R-10		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-20	3-pin, SOT-23	2.55	LOW	Push-Pull	DS1815R-20		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1816-5	3-pin, TO-92	3.06	LOW	Open-Drain	DS1816-5			Is=15uA, 57% Lower than Dallas
IMP1816-10	3-pin, TO-92	2.88	LOW	Open-Drain	DS1816-10			Is=15uA, 57% Lower than Dallas
IMP1816-20	3-pin, TO-92	2.55	LOW	Open-Drain	DS1816-20			Is=15uA, 57% Lower than Dallas
IMP1816R-5	3-pin, SOT-23	3.06	LOW	Open-Drain	DS1816R-5			Is=15uA, 57% Lower than Dallas
IMP1816R-10	3-pin, SOT-23	2.88	LOW	Open-Drain	DS1816R-10			Is=15uA, 57% Lower than Dallas
IMP1816R-20	3-pin, SOT-23	2.55	LOW	Open-Drain	DS1816R-20			Is=15uA, 57% Lower than Dallas
IMP1817-5	3-pin, TO-92	3.06	HIGH	Push-Pull	DS1817-5			Is=15uA, 57% Lower than Dallas
IMP1817-10	3-pin, TO-92	2.88	HIGH	Push-Pull	DS1817-10			Is=15uA, 57% Lower than Dallas
IMP1817-20	3-pin, TO-92	2.55	HIGH	Push-Pull	DS1817-20			Is=15uA, 57% Lower than Dallas
IMP1817R-5	3-pin, SOT-23	3.06	HIGH	Push-Pull	DS1817R-5			Is=15uA, 57% Lower than Dallas
IMP1817R-10	3-pin, SOT-23	2.88	HIGH	Push-Pull	DS1817R-10			Is=15uA, 57% Lower than Dallas
IMP1817R-20	3-pin, SOT-23	2.55	HIGH	Push-Pull	DS1817R-20			Is=15uA, 57% Lower than Dallas
IMP1834	8-pin, DIP	5 & 3.3	Low	Push-Pull	DS1834			Is=30uA; 40% Lower than Dallas
IMP1834A	8-pin, DIP	5 & 3.3	Low	Open-Drain	DS1834CMA			Is=30uA; 40% Lower than Dallas
IMP1834AEMA	8-pin, MicroSO	5 & 3.3	Low	Open-Drain	DS1834AU			Is=30uA; 40% Lower than Dallas
IMP1834AS	8-pin, SO	5 & 3.3	Low	Open-Drain	DS1834AS			Is=30uA; 40% Lower than Dallas
IMP1834D	8-pin, DIP	5 & 3.3	Low	Push-Pull	DS1834D			Is=30uA; 40% Lower than Dallas
IMP1834DEMA	8-pin, MicroSO	5 & 3.3	Low	Push-Pull	DS1834DU			Is=30uA; 40% Lower than Dallas
IMP1834DS	8-pin, SO	5 & 3.3	Low	Push-Pull	DS1834DS			Is=30uA; 40% Lower than Dallas
IMP1834EMA	8-pin, MicroSO	5 & 3.3	Low	Push-Pull	DS1834U			Is=30uA; 40% Lower than Dallas
IMP1834S	8-pin, SO	5 & 3.3	Low	Push-Pull	DS1834S			Is=30uA; 40% Lower than Dallas

**Product Family: PWM Controller\*\***

IMP Part #	Package	Start-up Voltage/Min Operating Voltage (V)	Max Duty Cycle (%)	Peak Output Drive(A)	Competition Cross Reference			Comments
					TI/Unitorde	Micrel		
IMP38C42EMA	8-pin, MicroSO	14.5/9.0	96	0.5		MIC38C42BMM		Improved UVLO, No Shoot thru Current
IMP38C42EPA	8-pin, PDIP	14.5/9.0	96	0.5	UC38C42N	MIC38C42BN		Improved UVLO, No Shoot thru Current
IMP38C42EPD	14-pin, PDIP	14.5/9.0	96	0.5		MIC38C42-1BN		Improved UVLO, No Shoot thru Current
IMP38C42ESA	8-pin, SO	14.5/9.0	96	0.5	UC38C42J	MIC38C42BM		Improved UVLO, No Shoot thru Current
IMP38C42ESD	14-pin, SO	14.5/9.0	96	0.5	UC38C42D	MIC38C42-1BM		Improved UVLO, No Shoot thru Current
IMP38C43EMA	8-pin, MicroSO	8.4/7.6	96	0.5		MIC38C43BMM		Improved UVLO, No Shoot thru Current
IMP38C43EPA	8-pin, PDIP	8.4/7.6	96	0.5	UC38C43N	MIC38C43BN		Improved UVLO, No Shoot thru Current
IMP38C43EPD	14-pin, PDIP	8.4/7.6	96	0.5		MIC38C43-1BN		Improved UVLO, No Shoot thru Current
IMP38C43ESA	8-pin, SO	8.4/7.6	96	0.5	UC38C43J	MIC38C43BM		Improved UVLO, No Shoot thru Current
IMP38C43ESD	14-pin, SO	8.4/7.6	96	0.5	UC38C43D	MIC38C43-1BM		Improved UVLO, No Shoot thru Current
IMP38C44EMA	8-pin, MicroSO	14.5/9.0	50	0.5		MIC38C44BMM		Improved UVLO, No Shoot thru Current
IMP38C44EPA	8-pin, PDIP	14.5/9.0	50	0.5	UC38C44N	MIC38C44BN		Improved UVLO, No Shoot thru Current
IMP38C44EPD	14-pin, PDIP	14.5/9.0	50	0.5		MIC38C44-1BN		Improved UVLO, No Shoot thru Current
IMP38C44ESA	8-pin, SO	14.5/9.0	50	0.5	UC38C44J	MIC38C44BM		Improved UVLO, No Shoot thru Current
IMP38C44ESD	14-pin, SO	14.5/9.0	50	0.5	UC38C44D	MIC38C44-1BM		Improved UVLO, No Shoot thru Current
IMP38C45EMA	8-pin, MicroSO	8.4/7.6	50	0.5		MIC38C45BMM		Improved UVLO, No Shoot thru Current
IMP38C45EPA	8-pin, PDIP	8.4/7.6	50	0.5	UC38C45N	MIC38C45BN		Improved UVLO, No Shoot thru Current
IMP38C45EPD	14-pin, PDIP	8.4/7.6	50	0.5		MIC38C45-1BN		Improved UVLO, No Shoot thru Current
IMP38C45ESA	8-pin, SO	8.4/7.6	50	0.5	UC38C45J	MIC38C45BM		Improved UVLO, No Shoot thru Current
IMP38C45ESD	14-pin, SO	8.4/7.6	50	0.5	UC38C45D	MIC38C45-1BM		Improved UVLO, No Shoot thru Current
IMP38HC42EMA	8-pin, MicroSO	14.5/9.0	96	1.0		MIC38HC42BMM		Improved UVLO, No Shoot thru Current
IMP38HC42EPA	8-pin, PDIP	14.5/9.0	96	1.0	UC38HC42N	MIC38HC42BN		Improved UVLO, No Shoot thru Current
IMP38HC42EPD	14-pin, PDIP	14.5/9.0	96	1.0		MIC38HC42-1BN		Improved UVLO, No Shoot thru Current
IMP38HC42ESA	8-pin, SO	14.5/9.0	96	1.0	UC38HC42J	MIC38HC42BM		Improved UVLO, No Shoot thru Current
IMP38HC42ESD	14-pin, SO	14.5/9.0	96	1.0	UC38HC42D	MIC38HC42-1BM		Improved UVLO, No Shoot thru Current
IMP38HC43EMA	8-pin, MicroSO	8.4/7.6	96	1.0		MIC38HC43BMM		Improved UVLO, No Shoot thru Current
IMP38HC43EPA	8-pin, PDIP	8.4/7.6	96	1.0	UC38HC43N	MIC38HC43BN		Improved UVLO, No Shoot thru Current
IMP38HC43EPD	14-pin, PDIP	8.4/7.6	96	1.0		MIC38HC43-1BN		Improved UVLO, No Shoot thru Current
IMP38HC43ESA	8-pin, SO	8.4/7.6	96	1.0	UC38HC43J	MIC38HC43BM		Improved UVLO, No Shoot thru Current
IMP38HC43ESD	14-pin, SO	8.4/7.6	96	1.0	UC38HC43D	MIC38HC43-1BM		Improved UVLO, No Shoot thru Current
IMP38HC44EMA	8-pin, MicroSO	14.5/9.0	50	1.0		MIC38HC44BMM		Improved UVLO, No Shoot thru Current
IMP38HC44EPA	8-pin, PDIP	14.5/9.0	50	1.0	UC38HC44N	MIC38HC44BN		Improved UVLO, No Shoot thru Current
IMP38HC44EPD	14-pin, PDIP	14.5/9.0	50	1.0		MIC38HC44-1BN		Improved UVLO, No Shoot thru Current
IMP38HC44ESA	8-pin, SO	14.5/9.0	50	1.0	UC38HC44J	MIC38HC44BM		Improved UVLO, No Shoot thru Current
IMP38HC44ESD	14-pin, SO	14.5/9.0	50	1.0	UC38HC44D	MIC38HC44-1BM		Improved UVLO, No Shoot thru Current
IMP38HC45EMA	8-pin, MicroSO	8.4/7.6	50	1.0		MIC38HC45BMM		Improved UVLO, No Shoot thru Current
IMP38HC45EPA	8-pin, PDIP	8.4/7.6	50	1.0	UC38HC45N	MIC38HC45BN		Improved UVLO, No Shoot thru Current
IMP38HC45EPD	14-pin, PDIP	8.4/7.6	50	1.0		MIC38HC45-1BN		Improved UVLO, No Shoot thru Current
IMP38HC45ESA	8-pin, SO	8.4/7.6	50	1.0	UC38HC45J	MIC38HC45BM		Improved UVLO, No Shoot thru Current
IMP38HC45ESD	14-pin, SO	8.4/7.6	50	1.0	UC38HC45D	MIC38HC45-1BM		Improved UVLO, No Shoot thru Current

\*\* Temp Range: -40 to 85C

**PRODUCT FAMILY LISTING:**

1. Supervisors
2. PWM Controller
3. EL Lamp Drivers
4. USB
5. LDO (Low Current)
6. LDO (High Current)
7. SCSI
8. UARTS
9. PCM Data Switch

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**Product Family: EL Lamp Drivers**

IMP Part #	Package	Input Voltage(V)	Typical Output Voltage (Vpp)	Adjustable Lamp Driver and Boost Freq.	Competition Cross Reference			Comments
					Sipex	Supertex		
IMP525EMA	8-pin, MicroSO	0.9 to 2.5	112			HV825MG		Pin compatible replacement but external component values should be adjusted.
IMP525ESA	8-pin, SO	0.9 to 2.5	112			HV825LG		Pin compatible replacement but external component values should be adjusted.
IMP803IMA	8-pin, MicroSO	2.0 to 6.5	180			HV803MG		Direct replacement. IMP offers lower power dissipation.
IMP803LG	8-pin, SO	2.0 to 6.5	180		SP4403EU	HV803LG		Direct replacement. IMP offers lower power dissipation.

**Product Family: USB**

IMP Part #	Package	Config.	Max ON Resistance (OHM)	Max. Load Current (A)	Competition Cross Reference			Comments
					TI/Unitrode	Micrel		
IMP2505	8-pin, SO	Single	0.05	2				
IMP2524	16-pin, SO	Quad	0.14	0.5				
IMP2525-1BM	8-pin, SO	Single, Enable=High	0.14	0.5	TPS2014/15	MIC2525-1BM		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-1BN	8-pin, DIP	Single, Enable=High	0.14	0.5	TPS2014/15	MIC2525-1BN		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-2BM	8-pin, SO	Single, Enable=Low	0.14	0.5	TPS2014/15	MIC2525-2BM		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-2BN	8-pin, DIP	Single, Enable=Low	0.14	0.5	TPS2014/15, TPS2041	MIC2525-2BN		50% Lower rds(on) compared to Micrel MIC2525
IMP2525A-1BM	8-pin, SO	Single, Enable=High	0.07	0.5	TPS2014/15, TPS2051			
IMP2525A-1BN	8-pin, DIP	Single, Enable=High	0.07	0.5	TPS2014/15			
IMP2525A-2BM	8-pin, SO	Single, Enable=Low	0.07	0.5	TPS2014/15, TPS2041			
IMP2525A-2BN	8-pin, DIP	Single, Enable=Low	0.07	0.5	TPS2014/15, TPS2041			
IMP2526-1BM	8-pin, SO	Dual, Enable=High	0.14	0.5	TPS2052	MIC2526-1BM		
IMP2526-1BN	8-pin, DIP	Dual, Enable=High	0.14	0.5	TPS2052	MIC2526-1BN		
IMP2526-2BM	8-pin, SO	Dual, Enable=Low	0.14	0.5	TPS2042	MIC2526-2BM		
IMP2526-2BN	8-pin, DIP	Dual, Enable=Low	0.14	0.5	TPS2042	MIC2526-2BN		
IMP2427	16-pin, SO/DIP	Quad	0.3	0.5		MIC2527		

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1. Supervisors
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5. LDO (Low Current)
6. LDO (High Current)
7. SCS1
8. UARTS
9. PCM Data Switch

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**Product Family: LDO (Low Current)**

IMP Part #	Package	Voltage Option (V)	Rated Current (mA)	Max. Dropout Voltage at Rated current	Competition Cross Reference			Comments
					Fairchild Semi	Micrel	National	
IMP2014-2.5JUK/T	SOT-23A-5	2.5	50	70			LP2980AIM5X-2.5	
IMP2014-2.7JUK/T	SOT-23A-5	2.7	50	70			LP2980AIM5X-2.7	
IMP2014-2.85JUK/T	SOT-23A-5	2.85	50	70	ILC7080AIM5-285*	MIC5255		
IMP2014-3.0JUK/T	SOT-23A-5	3	50	70	ILC7080AIM5-30*	MIC5255	LP2980AIM5X-3.0	
IMP2014-3.3JUK/T	SOT-23A-5	3.3	50	70	ILC7080AIM5-33*	MIC5255	LP2980AIM5X-3.3	
IMP2014-3.6JUK/T	SOT-23A-5	3.6	50	70	ILC7080AIM5-36*	MIC5255	LP2980AIM5X-3.6	
IMP2014-4.0JUK/T	SOT-23A-5	4	50	70			LP2980AIM5X-4.0	
IMP2014-5.0JUK/T	SOT-23A-5	5	50	70	ILC7080AIM5-50*	MIC5255	LP2980AIM5X-5.0	
IMP2015-2.5JUK/T	SOT-23A-5	2.5	100	160			LP2981	
IMP2015-2.7JUK/T	SOT-23A-5	2.7	100	160			LP2981	
IMP2015-2.85JUK/T	SOT-23A-5	2.85	100	160	ILC7081AIM5-285*	MIC5255	LP2981	
IMP2015-3.0JUK/T	SOT-23A-5	3	100	160	ILC7081AIM5-30*	MIC5255	LP2981	
IMP2015-3.3JUK/T	SOT-23A-5	3.3	100	160	ILC7081AIM5-33*	MIC5255	LP2981	
IMP2015-3.6JUK/T	SOT-23A-5	3.6	100	160	ILC7081AIM5-36*	MIC5255	LP2981	
IMP2015-4.0JUK/T	SOT-23A-5	4	100	160			LP2981	
IMP2015-5.0JUK/T	SOT-23A-5	5	100	160	ILC7081AIM5-50*	MIC5255	LP2981	
IMP2054-2.5JUK/T	SOT-23A-5	2.5	50	70			LP2980, LP2982	
IMP2054-2.7JUK/T	SOT-23A-5	2.7	50	70			LP2980, LP2982	
IMP2054-2.85JUK/T	SOT-23A-5	2.85	50	70			LP2980, LP2982	
IMP2054-3.0JUK/T	SOT-23A-5	3	50	70			LP2980, LP2982	
IMP2054-3.3JUK/T	SOT-23A-5	3.3	50	70			LP2980, LP2982	
IMP2054-3.6JUK/T	SOT-23A-5	3.6	50	70			LP2980, LP2982	
IMP2054-4.0JUK/T	SOT-23A-5	4	50	70			LP2980, LP2982	
IMP2054-5.0JUK/T	SOT-23A-5	5	50	70			LP2980, LP2982	
IMP2055-2.5JUK/T	SOT-23A-5	2.5	100	160			LP2981	
IMP2055-2.7JUK/T	SOT-23A-5	2.7	100	160			LP2981	
IMP2055-2.85JUK/T	SOT-23A-5	2.85	100	160			LP2981	
IMP2055-3.0JUK/T	SOT-23A-5	3	100	160			LP2981	
IMP2055-3.3JUK/T	SOT-23A-5	3.3	100	160			LP2981	
IMP2055-3.6JUK/T	SOT-23A-5	3.6	100	160			LP2981	
IMP2055-4.0JUK/T	SOT-23A-5	4	100	160			LP2981	
IMP2055-5.0JUK/T	SOT-23A-5	5	100	160			LP2981	
IMP2070JUK/T	SOT-23A-5	Adjustable	50	70	ILC7080AIM5-Adj*		LP2981	
IMP2071JUK/T	SOT-23A-5	Adjustable	100	160	ILC7081AIM5-Adj*		LP2981	
IMP2185-2.5JUK/T	SOT-23A-5	2.5	150	250		MIC5207-2.5BM5*	LP2983/LP2985	
IMP2185-2.7JUK/T	SOT-23A-5	2.7	150	250			LP2983/LP2985	
IMP2185-2.85JUK/T	SOT-23A-5	2.85	150	250	ILC7082AIM5-285*		LP2983/LP2985	
IMP2185-3.0JUK/T	SOT-23A-5	3	150	250	ILC7082AIM5-30*	MIC5207-3.0BM5*	LP2983/LP2985	
IMP2185-3.3JUK/T	SOT-23A-5	3.3	150	250	ILC7082AIM5-33*	MIC5207-3.3BM5*	LP2983/LP2985	
IMP2185-3.6JUK/T	SOT-23A-5	3.6	150	250	ILC7082AIM5-36*	MIC5207-3.6BM5*	LP2983/LP2985	
IMP2185-4.0JUK/T	SOT-23A-5	4	150	250		MIC5207-4.0BM5*	LP2983/LP2985	
IMP2185-5.0JUK/T	SOT-23A-5	5	150	250	ILC7082AIM5-50*	MIC5207-5.0BM5*	LP2983/LP2985	
IMP2186-2.5JUK/T	SOT-23A-5	2.5	150	250		MIC5206-2.5BM5*	LP2983/LP2985	
IMP2186-2.7JUK/T	SOT-23A-5	2.7	150	250		MIC5206-2.7BM5*	LP2983/LP2985	
IMP2186-2.85JUK/T	SOT-23A-5	2.85	150	250			LP2983/LP2985	
IMP2186-3.0JUK/T	SOT-23A-5	3	150	250		MIC5206-3.0BM5*	LP2983/LP2985	
IMP2186-3.3JUK/T	SOT-23A-5	3.3	150	250		MIC5206-3.3BM5*	LP2983/LP2985	
IMP2186-3.6JUK/T	SOT-23A-5	3.6	150	250		MIC5206-3.6BM5*	LP2983/LP2985	
IMP2186-4.0JUK/T	SOT-23A-5	4	150	250		MIC5206-4.0BM5*	LP2983/LP2985	
IMP2186-5.0JUK/T	SOT-23A-5	5	150	250		MIC5206-5.0BM5*	LP2983/LP2985	
IMP2187JUK/T	SOT-23A-5	Adjustable	150	250	ILC7082AIM5-Adj*		LP2983/LP2985	

**Product Family: LDO (High Current)**

IMP Part #	Package	Voltage Option (V)	Rated Current (mA)	Max. Dropout Voltage at Rated current (V)	Competition Cross Reference			Comments
					Fairchild Semi	Micrel	Linear Tech	
IMP37-25JST	3-pin, SOT-223	2.5	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-30JST	3-pin, SOT-223	3	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-33JST	3-pin, SOT-223	3.3	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-25JCM	3-pin, TO-263	2.5	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP37-30JCM	3-pin, TO-263	3	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP37-33JCM	3-pin, TO-263	3.3	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP1117A					FAN1117A		LT1117	

**PRODUCT FAMILY LISTING:**

1. Supervisors
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7. SCSI
8. UARTS
9. PCM Data Switch

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**Product Family: SCSI**

IMP Part #	Package	Number of Channels	Mode	Sleep Current (uA)	Competition Cross Reference			Comments
					Dallas	Microsemi		
IMP5111CDP	16-pin, SO	9	Single Ended	275		LX5111		
IMP5111CPWP	24-pin, TSSOP	9	Single Ended	275		LX5111		
IMP5112CDP	16-pin, SO	9	Single Ended	275		LX5112		
IMP5112CPWP	24-pin, TSSOP	9	Single Ended	275		LX5112		
IMP5115CD	16-pin, SO	9	Single Ended	375	DS2105Z	LX5115		
IMP5115CDW	16-pin, SOWB	9	Single Ended	375	DS21S07AS, DS21T07S, DS2105S	LX5115		
IMP5115CPWP	20-pin, TSSOP	9	Single Ended	375	DS21S07AE, DS21T07E	LX5115		
IMP5121CDB	56-pin, TSSOP	27	Single Ended	375		LX5121		
IMP5121CPW	44-pin, SSOP	27	Single Ended	375		LX5121		
IMP5218CDW	16-pin, SOWB	9	Single Ended	275		LX5218		
IMP5218CPW	20-pin, TSSOP	9	Single Ended	275		LX5218		
IMP5219CDW	16-pin, SOWB	9	Single Ended	275		LX5219		
IMP5219CPW	20-pin, TSSOP	9	Single Ended	275		LX5219		
IMP5225CDB	28-pin, SSOP	18	Single Ended	275		LX5225		
IMP5225CDWP	28-pin, SOWB	18	Single Ended	275	DS2109S	LX5225		
IMP5226CDB	28-pin, SSOP	18	Single Ended	275		LX5226		
IMP5226CDWP	28-pin, SOWB	18	Single Ended	275		LX5226		
IMP5241CDB	36-pin, SSOP	9	SE/LVD	35	DS2118MB, DS2117MB	LX5241		
IMP5241CPW	24-pin, TSSOP	9	SE/LVD	35		LX5241		
IMP5242CDB	36-pin, SSOP	9	SE/LVD	35		LX5242		
IMP5242CPW	24-pin, TSSOP	9	SE/LVD	35		LX5242		
IMP5245CPW	24-pin, TSSOP	9	LVD			LX5245		
IMP5246CPW	24-pin, TSSOP	9	LVD			LX5246		

**Product Family: UARTS**

IMP Part #	Package	Operating Voltage, Vcc(V)	Channel	FIFO (Bytes)	Competition Cross Reference			Comments
					EXAR	TI	Phillips	
IMP16C450-CP40	40-pin, DIP	5.0	Single	STD	ST16C450-CP40	TL16C450N		
IMP16C450-CJ44	44-pin, PLCC	5.0	Single	STD	ST16C450-CJ44	TL16C450FN		
IMP16C550-CJ44	44-pin, PLCC	5.0	Single	16	ST16C550-CJ44	TL16C550BFN		
IMP16C550-A48	48-pin, TQFP	5.0	Single	16	ST16C550-CQ44	TL16C550BPT		
IMP16C552-CJ68	68-pin, PLCC	5.0	Dual	16	ST16C552-CJ68	TL16C552FN		
IMP16C554-CJ68	68-pin, PLCC	5.0	Quad	16	ST16C554-CJ68	TL16C554FN		
IMP68C681-CJ44	44-pin, PLCC	5.0	Dual	STD	XR68C681CJ		SCC68692C1A44	
IMP68C681-CP40	40-pin, DIP	5.0	Dual	STD	XR68C681CP		SCC68692C1N40	

**Product Family: PCM Data Switch**

IMP Part #	Package	Description			Competition Cross Reference			Comments
					Zarlink			
IMP8980DE	40-pin, DIP	PCM Data Switch			MT8980			
IMP8980DP	44-pin, PLCC	PCM Data Switch			MT8980			

\*\*\*end of list\*\*\*