

## Easy-PC

### Standard Library Contents for Easy-PC

#### Component Definitions (\*.cml)

Each of the sections below is headed Library: followed by the library name. Each of the library names assumes the file extension of .cml

The key to the headings for each column are:

- **Component:** The component name
- **Ref:** The component reference stem, e.g. UI, ICI, TRI etc.
- **SCM Sym:** This is the associated Schematic symbol name and is found in the library SCM Lib (shown in the column next to this name).
- **SCM Lib:** This is the Schematic symbol library name, and assumes the file extension .ssl
- **Package:** This is the PCB footprint package type used, e.g. DIL, SM etc.
- **PCB Sym:** This is the associated PCB symbol name and is found in the library PCB Lib (shown in the column next to this name).
- **PCB Lib:** The PCB symbol library name, and has the file extension .psl

## Library : 4000

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4000	U	3NORINVP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4000(1)	U	3NORP	4000			
4000(2)	U	INVERTRP	4000			
4001	U	2NORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4002	U	4NORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4006	U	18BREGP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4007	U	4007P	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4008	U	4BITADDP	4000	DIL	16DIL	IC
4009	U	INVERTRP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40097	U	HEXTRIP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40098	U	HEXNTRIP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4010	U	BUFFERP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
				SOL	SO16	DSM
40102	U	8DNCNTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40103	U	8DNCNTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40105	U	FFHEXDTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40106	U	INVERTRP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
40107	U	2NANDP	4000	DIL	8DIL	IC
				SOL	SO8	DSM
				MISC	14DIL	IC
4011	U	2NANDP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4012	U	4NANDP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4013	U	DTYPEP	4000	DIL	14DIL	IC
				SOL	SO14	DSM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4014	U	8BITREGP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40147	U	4ANDORP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4015	U	4BITREGP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4016	U	2ANSWP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
40160	U	CONSYNCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40161	U	CONSYNCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40162	U	CONSYNCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40163	U	CONSYNCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4017	U	DECCONTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40174	U	FFHEXDTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40175	U	FFQDTYP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4018	U	DIVCONTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4019	U	4ANDORP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40192	U	DUDCCONP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
40193	U	DUDCCONP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4020	U	14RPCONP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4021	U	8BITREGP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4022	U	8DIVCNTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4023	U	3NANDP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4024	U	7BITCNTP	4000	DIL	14DIL	IC
40240	U	TRIOCTIP	4000	DIL	20DIL	IC
				SOL	SOL20	DSM
40244	U	TRIOCTBP	4000	DIL	20DIL	IC
				SOL	SOL20	DSM
40245	U	TRIGENP	4000	DIL	20DIL	IC
				SOL	SOL20	DSM
4025	U	3NORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
40257	U	4ANSWP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4026	U	14STBINP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4027	U	JKMSP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4028	U	BCDDECP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4029	U	UPBINDCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4030	U	2XORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
4032	U	ADDP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
4034	U	8IOSHFTP	4000	DIL	24DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4035	U	4BITPIP	4000	SOL DIL	SOL24 16DIL	DSM IC
40373	U	TRIGENP	4000	SOL DIL	SO16 20DIL	DSM IC
40374	U	TRIGENP	4000	SOL DIL	SOL20 20DIL	DSM IC
4040	U	14RPCONP	4000	SOL DIL	SOL20 16DIL	DSM IC
4041	U	TCBUFP	4000	SOL DIL	SO16 14DIL	DSM IC
4042	U	4BTDTLP	4000	SOL DIL	SO14 16DIL	DSM IC
4043	U	TRINORLP	4000	SOL DIL	SO16 16DIL	DSM IC
4044	U	TRINORLP	4000	SOL DIL	SO16 16DIL	DSM IC
4046	U	TRIPDXMP	4000	SOL DIL	SO16 16DIL	DSM IC
4047	U	MONO	4000	SOL DIL	SO16 14DIL	DSM IC
4048	U	13IPBITP	4000	SOL DIL	SO14 16DIL	DSM IC
4049	U	INVERTRP	4000	SOL DIL	SO16 16DIL	DSM IC
4050	U	BUFFERP	4000	SOL DIL	SO16 16DIL	DSM IC
4051	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
4051(1)	U	4051DECP	4000	SOL DIL	SO16 16DIL	DSM IC
4051(2)	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
4052	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
4052(1)	U	4051DECP	4000	SOL DIL	SO16 16DIL	DSM IC
4052(2)	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
4053	U	TRIPDXMP	4000	SOL DIL	SO16 16DIL	DSM IC
4053(1)	U	TRIPDXMP	4000	SOL DIL	SO16 16DIL	DSM IC
4053(2)	U	TRIPMUXP	4000	SOL DIL	SO16 16DIL	DSM IC
4056	U	4051DECP	4000	SOL DIL	SO16 16DIL	DSM IC
4059	U	4059P	4000	SOL DIL	SO16 24DIL	DSM IC
4060	U	14STBINP	4000	SOL DIL	SOL24 16DIL	DSM IC
4063	U	4585P	4000	SOL DIL	SO16 16DIL	DSM IC
4066	U	2ANSWP	4000	SOL DIL	SO16 14DIL	DSM IC
4067	U	16LDXMIP	4000	SOL DIL	SO14 24DIL	DSM IC
4067(1)	U	16LDXMIP	4000	SOL DIL	SOL24 24DIL	DSM IC
4067(2)	U	16LDXM2P	4000	SOL DIL	SOL24 24DIL	DSM IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4068	U	8NANDP	4000	DIL SOL	14DIL SO14	IC DSM
4069	U	INVERTRP	4000	DIL SOL	14DIL SO14	IC DSM
4070	U	2XORP	4000	DIL SOL	14DIL SO14	IC DSM
4071	U	2ORP	4000	DIL SOL	14DIL SO14	IC DSM
4072	U	4ORP	4000	DIL SOL	14DIL SO14	IC DSM
4073	U	3ANDP	4000	DIL SOL	14DIL SO14	IC DSM
4075	U	3ORP	4000	DIL SOL	14DIL SO14	IC DSM
4076	U	TRILACP	4000	DIL SOL	16DIL SO16	IC DSM
4077	U	2XNORP	4000	DIL SOL	14DIL SO14	IC DSM
4078	U	8NORP	4000	DIL SOL	14DIL SO14	IC DSM
4081	U	2ANDP	4000	DIL SOL	14DIL SO14	IC DSM
4082	U	4ANDP	4000	DIL SOL	14DIL SO14	IC DSM
4085	U	ANDORINV	4000	DIL SOL	14DIL SO14	IC DSM
4086	U	4ANDORIP	4000	DIL SOL	14DIL SO14	IC DSM
4089	U	MULTPLYP	4000	DIL SOL	16DIL SO16	IC DSM
4093	U	2NANDP	4000	DIL SOL	14DIL SO14	IC DSM
4094	U	8SSSTP	4000	DIL SOL	16DIL SO16	IC DSM
4097	U	8_1X2TXP	4000	DIL SOL	24DIL SOL24	IC DSM
4097(1)	U	1_8X2TXP	4000			
4097(2)	U	8_1X2TXP	4000			
4098	U	MONO2	4000	DIL SOL	16DIL SO16	IC DSM
4099	U	8BITADDP	4000	DIL SOL	16DIL SO16	IC DSM
4104	U	TRIBUFFP	4000	DIL SOL	16DIL SO16	IC DSM
4500	U	TRIPDXMP	4000	DIL SOL	16DIL SO16	IC DSM
4501	U	4501P	4000	DIL SOL	16DIL SO16	IC DSM
4502	U	HEXNTRIP	4000	DIL SOL	16DIL SO16	IC DSM
4503	U	HEXTRIP	4000	DIL SOL	16DIL SO16	IC DSM
4504	U	LSHIFTP	4000	DIL SOL	16DIL SO16	IC DSM
4506	U	DUALAOIP	4000	DIL SOL	16DIL SO16	IC DSM
4508	U	4BITLATP	4000	DIL SOL	24DIL SOL24	IC DSM
4510	U	UPBINDCP	4000	DIL SOL	16DIL SO16	IC DSM
4511	U	BCD7SEGP	4000	DIL SOL	16DIL SO16	IC DSM
4512	U	DEMUX4P	4000	DIL	16DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4513	U	BCD7SGP	4000	SOL	SO16	DSM
				DIL	18DIL	IC
4514	U	16LDECP	4000	SOL	SOL18	DSM
				DIL	24DIL	IC
4515	U	16LDECNP	4000	SOL	SOL24	DSM
				DIL	24DIL	IC
4516	U	UPBINDCP	4000	SOL	SOL24	DSM
				DIL	16DIL	IC
4517	U	64SHREGP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4518	U	4BITREGP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4519	U	4ANDORP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4520	U	4BITREGP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4521	U	24BICNTP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4522	U	PROGCNTP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4526	U	PROGCNTP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4527	U	MULTPLYP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4528	U	MONO2	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4529	U	48DEXMXP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4529(1)	U	48DEMUXP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4529(2)	U	48DEXMXP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4530	U	MAJGATEP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4531	U	13IPBITP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4532	U	4BITADDP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4534	U	5DECCNTP	4000	SOL	SO16	DSM
				DIL	24DIL	IC
4536	U	4585P	4000	SOL	SOL24	DSM
				DIL	16DIL	IC
4538	U	MONO2	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4539	U	DUAL4SLP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4541	U	PROGTIMP	4000	SOL	SO16	DSM
				DIL	14DIL	IC
4543	U	BCD7SEGP	4000	SOL	SO14	DSM
				DIL	16DIL	IC
4544	U	BCD7SGP	4000	SOL	SO16	DSM
				DIL	18DIL	IC
4547	U	BCD7SG2P	4000	SOL	SOL18	DSM
				DIL	16DIL	IC
4549	U	8SSSTP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4551	U	4ANSWP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4553	U	3DECCNTP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
4555	U	4BINDECP	4000	SOL	SO16	DSM
				DIL	16DIL	IC
				SOL	SO16	DSM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
4556	U	4BINDCNP	4000	DIL SOL	16DIL SO16	IC DSM
4557	U	VARSHFTP	4000	DIL SOL	16DIL SO16	IC DSM
4558	U	BCD7SG3P	4000	DIL SOL	16DIL SO16	IC DSM
4559	U	8SSSTP	4000	DIL SOL	16DIL SO16	IC DSM
4560	U	4BITADDP	4000	DIL SOL	16DIL SO16	IC DSM
4561	U	4BITLATP	4000	DIL SOL	14DIL SO14	IC DSM
4562	U	128SHRGP	4000	DIL SOL	14DIL SO14	IC DSM
4566	U	TIMEBP	4000	DIL SOL	16DIL SO16	IC DSM
4568	U	4585P	4000	DIL SOL	16DIL SO16	IC DSM
4569	U	48DEXMXP	4000	DIL SOL	16DIL SO16	IC DSM
4572	U	4572P	4000	DIL SOL	16DIL SO16	IC DSM
4580	U	4X4REGP	4000	DIL SOL	24DIL SOL24	IC DSM
4583	U	DUALSHTP	4000	DIL SOL	16DIL SO16	IC DSM
4584	U	INVERTRP	4000	DIL SOL	14DIL SO14	IC DSM
4585	U	4585P	4000	DIL SOL	16DIL SO16	IC DSM
4597	U	8BITLATP	4000	DIL SOL	16DIL SO16	IC DSM
4598	U	8BITLTP	4000	DIL SOL	18DIL SOL18	IC DSM
4599	U	8BITLTIP	4000	DIL SOL	18DIL SOL18	IC DSM
4723	U	48ADDLAP	4000	DIL SOL	16DIL SO16	IC DSM
4724	U	48ADDRLP	4000	DIL SOL	16DIL SO16	IC DSM
4731	U	64SHFRGP	4000	DIL SOL	14DIL SO14	IC DSM
4737	U	8BITLTIP	4000	DIL SOL	18DIL SOL18	IC DSM

## Library : 74hc

This library contains a comprehensive selection of 74hc series logic parts.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HC00	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC02	U	2NORP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC03	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC04	U	INVERTRP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC08	U	2ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC10	U	3NANDP	74LS	DIL SOL	14DIL SO14	IC DSM

Component	SCM Sym		SCM Lib	Package		PCB Lib
	Ref				PCB Sym	
74HC107	U	JKP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC109	U	JKP3	74LS	DIL SOL	16DIL SO16	IC DSM
74HC111	U	3ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC112	U	JKP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HC113	U	JKP4	74LS	DIL SOL	14DIL SO14	IC DSM
74HC123	U	MONO2	74LS	DIL SOL	16DIL SO16	IC DSM
74HC125	U	BUFTRIP1	74LS	DIL SOL	14DIL SO14	IC DSM
74HC126	U	BUFTRIP	74LS	DIL SOL	14DIL SO14	IC DSM
74HC132	U	2NANDPSH	74LS	DIL SOL	14DIL SO14	IC DSM
74HC133	U	13NANDP	74LS	DIL SOL	16DIL SO16	IC DSM
74HC137	U	3TO8LDQ	74LS	DIL SOL	16DIL SO16	IC DSM
74HC138	U	3TO8LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC139	U	2TO4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC14	U	INVERTSH	74LS	DIL SOL	14DIL SO14	IC DSM
74HC151	U	1OF8DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HC153	U	1OF4DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HC154	U	4216LDEC	74LS	DIL SOL	24DIL SOL24	IC DSM
74HC155	U	2_4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC157	U	Q1_2DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HC158	U	Q1_2DSNT	74LS	DIL SOL	16DIL SO16	IC DSM
74HC160	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC161	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC162	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC163	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HC164	U	8SHREG1	74LS	DIL SOL	14DIL SO14	IC DSM
74HC165	U	8SHREG3	74LS	DIL SOL	16DIL SO16	IC DSM
74HC166	U	8SHREG2	74LS	DIL SOL	16DIL SO16	IC DSM
74HC173	U	REG1	74LS	DIL SOL	16DIL SO16	IC DSM
74HC174	U	FF1	74LS	DIL SOL	16DIL SO16	IC DSM
74HC175	U	FF2	74LS	DIL SOL	16DIL SO16	IC DSM
74HC190	U	UDCNTPI	74LS	DIL SOL	16DIL SO16	IC DSM
74HC191	U	UDCNTPI	74LS	DIL	16DIL	IC



Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HC192	U	UDCNTP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC193	U	UDCNTP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC194	U	4REG1	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC195	U	4REG2	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC20	U	4NANDP	74LS	SOL DIL	SO16 14DIL	DSM IC
74HC21	U	4ANDP	74LS	SOL DIL	SO14 14DIL	DSM IC
74HC221	U	MULTI	74LS	SOL DIL	SO14 16DIL	DSM IC
74HC237	U	3TO8LDQ	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC238	U	3TO8LDEC	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC240	U	OCTINVP	74LS	SOL DIL	SO16 20DIL	DSM IC
74HC241	U	OCTBUF2	74LS	SOL DIL	SOL20 20DIL	DSM IC
74HC242	U	TRANSNP	74LS	SOL DIL	SOL20 14DIL	DSM IC
74HC243	U	TRANSP	74LS	SOL DIL	SO14 14DIL	DSM IC
74HC244	U	OCTBUF2	74LS	SOL DIL	SO14 20DIL	DSM IC
74HC245	U	OCTTRANP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74HC251	U	TRIDSELP	74LS	SOL DIL	SOL20 16DIL	DSM IC
74HC253	U	TRIDSP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC257	U	QI_2DSEL	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC258	U	QI_2DSNT	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC259	U	8BITADDP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC266	U	2XNORP	74LS	SOL DIL	SO16 14DIL	DSM IC
74HC27	U	3NORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74HC273	U	TRIGENP	74LS	SOL DIL	SO14 20DIL	DSM IC
74HC298	U	4ANDORP	74LS	SOL DIL	SOL20 16DIL	DSM IC
74HC30	U	8NANDP	74LS	SOL DIL	SO16 14DIL	DSM IC
74HC32	U	2ORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74HC365	U	HEXTRIP	74LS	SOL DIL	SO14 16DIL	DSM IC
74HC366	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC367	U	HEXTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC368	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HC373	U	TRIGENP	74LS	SOL DIL	SO16 20DIL	DSM IC

Component	Ref	SCM Sym	SCM Lib	Package		PCB Lib
					PCB Sym	
74HC374	U	TRIGENP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC377	U	TRIGENP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC390	U	BINCNT2P	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC393	U	BINCONT P	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC4002	U	4NORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
74HC4015	U	4BITREGP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4017	U	DECCONT P	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4020	U	14RPCONP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4024	U	7BITCNT P	4000	DIL	14DIL	IC
				SOL	SO14	DSM
74HC4040	U	14RPCONP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4049	U	INVERTRP	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4050	U	BUFFERP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4051	U	DEMUX4P	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4051(1)	U	4051DECP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4051(2)	U	DEMUX4P	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4052	U	DEMUX4P	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4052(1)	U	4051DECP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4052(2)	U	DEMUX4P	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4053	U	TRIPDXMP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4053(1)	U	TRIPDXMP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4053(2)	U	TRIPMUXP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4060	U	14STBINP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4075	U	3ORP	4000	DIL	14DIL	IC
				SOL	SO14	DSM
74HC4094	U	8SSSTP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC42	U	BCD2DEC	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC423	U	MONO2	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4510	U	UPBINDCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4514	U	16LDECP	4000	DIL	24DIL	IC
				SOL	SOL24	DSM
74HC4515	U	16LDECNP	4000	DIL	24DIL	IC
				SOL	SOL24	DSM
74HC4516	U	UPBINDCP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4518	U	4BITREGP	4000	DIL	16DIL	IC
				SOL	SO16	DSM
74HC4520	U	4BITREGP	4000	DIL	16DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HC4538	U	MONO2	74LS	SOL	SO16	DSM
				DIL	16DIL	IC
74HC51	U	1X2_1X3A	74LS	SOL	SO16	DSM
				DIL	14DIL	IC
				SOL	SO14	DSM
74HC51(1)	U	1X3A	74LS			
74HC51(2)	U	1X2	74LS			
74HC533	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC534	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC540	U	OCTNP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC541	U	OCTTRIP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC563	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC564	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC573	U	TRIGENP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC574	U	TRIGENP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC58	U	1X21X3NV	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC58(1)	U	1X3ANV	74LS			
74HC58(2)	U	1X2NV	74LS			
74HC640	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC643	U	OCTLATCH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC688	U	17IPBITP	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC7266	U	2XORP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC73	U	JKP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC74	U	DTYPEP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC75	U	2GLATCHP	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC7540	U	OCTNPSH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC7541	U	OCTTRISH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC76	U	JKP2	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC85	U	COMPP	74LS	DIL	16DIL	IC
				SOL	SO16	DSM
74HC86	U	2XORP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HC9014	U	INVERTSH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC9015	U	BUFFRPSH	4000	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC9114	U	INVERTSH	74LS	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC9115	U	BUFFRPSH	4000	DIL	20DIL	IC
				SOL	SOL20	DSM
74HC93	U	D12CNTP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM
74HCU04	U	INVERTRP	74LS	DIL	14DIL	IC
				SOL	SO14	DSM

## Library : 74hct

This library contains a comprehensive selection of 74hct series logic parts.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HCT00	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT02	U	2NORP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT03	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT04	U	INVERTRP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT05	U	INVERTRP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT08	U	2ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT10	U	3NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT107	U	JKP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT109	U	JKP3	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT111	U	3ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT112	U	JKP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT123	U	MONO2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT125	U	BUFTRIPI	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT126	U	BUFTRIP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT132	U	2NANDPSH	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT137	U	3TO8LDQ	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT138	U	3TO8LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT139	U	2TO4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT14	U	INVERTSH	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT151	U	1OF8DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT153	U	1OF4DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT154	U	4216LDEC	74LS	DIL SOL	24DIL SOL24	IC DSM
74HCT155	U	2_4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT157	U	QI_2DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT158	U	QI_2DSNT	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT160	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT161	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT162	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT163	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HCT164	U	8SHREG1	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT165	U	8SHREG3	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT166	U	8SHREG2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT173	U	REG1	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT174	U	FF1	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT175	U	FF2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT190	U	UDCNTP1	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT191	U	UDCNTP1	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT192	U	UDCNTP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT193	U	UDCNTP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT194	U	4REG1	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT195	U	4REG2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT20	U	4NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT21	U	4ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT221	U	MULTI	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT237	U	3TO8LDQ	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT238	U	3TO8LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT240	U	OCTINVP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT241	U	OCTBUFP2	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT242	U	TRANSNP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT243	U	TRANSP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT244	U	OCTBUFP2	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT245	U	OCTTRANP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT251	U	TRIDSELP	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT253	U	TRIDSP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT257	U	QI_2DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT258	U	QI_2DSNT	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT259	U	8BITADDP	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT27	U	3NORP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT273	U	TRIGENP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT30	U	8NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT32	U	2ORP	74LS	DIL	14DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HCT34	U	BUFFERP	4000	SOL DIL	SO14 14DIL	DSM IC
74HCT365	U	HEXTRIP	74LS	SOL DIL	SO14 16DIL	DSM IC
74HCT366	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HCT367	U	HEXTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HCT368	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74HCT373	U	TRIGENP	74LS	SOL DIL	SO16 20DIL	DSM IC
74HCT374	U	TRIGENP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74HCT377	U	TRIGENP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74HCT390	U	BINCNT2P	74LS	SOL DIL	SOL20 16DIL	DSM IC
74HCT393	U	BINCONT	74LS	SOL DIL	SO16 14DIL	DSM IC
74HCT4002	U	4NORP	4000	SOL DIL	SO14 14DIL	DSM IC
74HCT4015	U	4BITREGP	4000	SOL DIL	SO14 16DIL	DSM IC
74HCT4017	U	DECCONT	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4020	U	14RPCONP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4024	U	7BITCNT	4000	SOL DIL	SO16 14DIL	DSM IC
74HCT4040	U	14RPCONP	4000	SOL DIL	SO14 16DIL	DSM IC
74HCT4051	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4051(1)	U	4051DECP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4051(2)	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4052	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4052(1)	U	4051DECP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4052(2)	U	DEMUX4P	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4053	U	TRIPDXMP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4053(1)	U	TRIPDXMP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4053(2)	U	TRIPMUXP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4060	U	14STBINP	4000	SOL DIL	SO16 16DIL	DSM IC
74HCT4075	U	3ORP	4000	SOL DIL	SO16 14DIL	DSM IC
74HCT4094	U	8SSSTP	4000	SOL DIL	SO14 16DIL	DSM IC
74HCT42	U	BCD2DEC	74LS	SOL DIL	SO16 16DIL	DSM IC
74HCT423	U	MONO2	74LS	SOL DIL	SO16 16DIL	DSM IC
74HCT4510	U	UPBINDCP	4000	SOL DIL	SO16 16DIL	DSM IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74HCT4514	U	16LDECP	4000	DIL SOL	24DIL SOL24	IC DSM
74HCT4515	U	16LDECNP	4000	DIL SOL	24DIL SOL24	IC DSM
74HCT4516	U	UPBINDCP	4000	DIL SOL	16DIL SO16	IC DSM
74HCT4518	U	4BITREGP	4000	DIL SOL	16DIL SO16	IC DSM
74HCT4520	U	4BITREGP	4000	DIL SOL	16DIL SO16	IC DSM
74HCT4538	U	MONO2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT533	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT534	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT540	U	OCTNP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT541	U	OCTTRIP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT563	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT564	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT573	U	TRIGENP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT574	U	TRIGENP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT640	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT643	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT688	U	17IPBITP	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT73	U	JKP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT74	U	DTYPEP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT75	U	2GLATCHP	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT7540	U	OCTNPSH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT7541	U	OCTTRISH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT76	U	JKP2	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT85	U	COMPP	74LS	DIL SOL	16DIL SO16	IC DSM
74HCT86	U	2XORP	74LS	DIL SOL	14DIL SO14	IC DSM
74HCT9014	U	INVERTSH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT9015	U	BUFFRPSH	4000	DIL SOL	20DIL SOL20	IC DSM
74HCT9114	U	INVERTSH	74LS	DIL SOL	20DIL SOL20	IC DSM
74HCT9115	U	BUFFRPSH	4000	DIL SOL	20DIL SOL20	IC DSM
74HCT93	U	D12CNTP	74LS	DIL SOL	14DIL SO14	IC DSM

## Library : 74ls

This library contains a comprehensive selection of 74ls series logic parts.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS00	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS01	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS02	U	2NORP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS03	U	2NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS04	U	INVERTRP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS05	U	INVERTRP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS08	U	2ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS09	U	2ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS10	U	3NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS107	U	JKP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS109	U	JKP3	74LS	DIL SOL	16DIL SO16	IC DSM
74LS11	U	3ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS112	U	JKP2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS113	U	JKP4	74LS	DIL SOL	14DIL SO14	IC DSM
74LS114	U	JKP2	74LS	DIL SOL	14DIL SO14	IC DSM
74LS12	U	3NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS122	U	MONO1	74LS	DIL SOL	14DIL SO14	IC DSM
74LS123	U	MONO2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS125	U	BUFTRIPI	74LS	DIL SOL	14DIL SO14	IC DSM
74LS126	U	BUFTRIP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS13	U	4NANDPSH	74LS	DIL SOL	14DIL SO14	IC DSM
74LS132	U	2NANDPSH	74LS	DIL SOL	14DIL SO14	IC DSM
74LS133	U	13NANDP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS136	U	2XORP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS137	U	3TO8LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS138	U	3TO8LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS139	U	2TO4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS14	U	INVERTSH	74LS	DIL SOL	14DIL SO14	IC DSM
74LS145	U	BCD2DEC	74LS	DIL SOL	16DIL SO16	IC DSM



Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS147	U	9TO4ENNP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS148	U	8TO3ENNP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS15	U	3ANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS151	U	1OF8DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74LS153	U	1OF4DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74LS154	U	4216LDEC	74LS	DIL SOL	24DIL SOL24	IC DSM
74LS155	U	2_4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS156	U	2_4LDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS157	U	QI_2DSEL	74LS	DIL SOL	16DIL SO16	IC DSM
74LS158	U	QI_2DSNT	74LS	DIL SOL	16DIL SO16	IC DSM
74LS160	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS161	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS162	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS163	U	SYNCDEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS164	U	8SHREG1	74LS	DIL SOL	14DIL SO14	IC DSM
74LS165	U	8SHREG3	74LS	DIL SOL	16DIL SO16	IC DSM
74LS166	U	8SHREG2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS168	U	UDCNTP3	74LS	DIL SOL	16DIL SO16	IC DSM
74LS169	U	UDCNTP3	74LS	DIL SOL	16DIL SO16	IC DSM
74LS173	U	REG1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS174	U	FF1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS175	U	FF2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS181	U	ALUP	74LS	DIL SOL	24DIL SOL24	IC DSM
74LS189	U	RAMIP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS190	U	UDCNTP1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS191	U	UDCNTP1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS192	U	UDCNTP2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS193	U	UDCNTP2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS194	U	4REG1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS195	U	4REG2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS196	U	COUNT1	74LS	DIL SOL	14DIL SO14	IC DSM
74LS197	U	COUNT1	74LS	DIL	14DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS20	U	4NANDP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS21	U	4ANDP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS22	U	4NANDP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS221	U	MULTI	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS224	U	FIFOP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS240	U	OCTINVP	74LS	SOL DIL	SO16 20DIL	DSM IC
74LS241	U	OCTTRANP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS242	U	TRANSP	74LS	SOL DIL	SOL20 14DIL	DSM IC
74LS243	U	TRANSP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS244	U	OCTBUFP2	74LS	SOL DIL	SO14 20DIL	DSM IC
74LS245	U	OCTTRANP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS247	U	BCD7SGNP	74LS	SOL DIL	SOL20 16DIL	DSM IC
74LS251	U	TRIDSELP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS253	U	TRIDSP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS256	U	4ADDLATP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS257	U	QI_2DSEL	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS258	U	QI_2DSNT	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS259	U	8BITADDP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS26	U	2NANDP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS260	U	5NORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS266	U	2XNORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS27	U	3NORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS273	U	TRIGENP	74LS	SOL DIL	SO14 20DIL	DSM IC
74LS279	U	SRLATCHP	74LS	SOL DIL	SO14 SOL20 16DIL	DSM DSM IC
74LS279(1)	U	SETRL2P	74LS	SOL	SO16	DSM
74LS279(2)	U	SETRLAP	74LS			
74LS28	U	2NORP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS280	U	PGENP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS283	U	ADDP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS290	U	DECOUNTP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS292	U	COUNT2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS293	U	BINCNTP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS294	U	COUNT3	74LS	DIL	16DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS298	U	4ANDORP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS299	U	USHSTRP	74ls	SOL DIL	SO16 20DIL	DSM IC
74LS30	U	8NANDP	74LS	SOL DIL	SOL20 14DIL	DSM IC
74LS31	U	DELAYP	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS32	U	2ORP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS321	U	OSCP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS322	U	8SHREG5	74LS	SOL DIL	SO16 20DIL	DSM IC
74LS323	U	USHSTRP	74ls	SOL DIL	SOL20 20DIL	DSM IC
74LS33	U	2NORP	74LS	SOL DIL	SOL20 14DIL	DSM IC
74LS348	U	8TO3ENNP	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS352	U	TRIDSP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS353	U	TRIDSP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS354	U	8_3ENCNP	74ls	SOL DIL	SO16 20DIL	DSM IC
74LS356	U	8_3ENCKP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS365	U	QUADTRIP	74LS	SOL DIL	SOL20 16DIL	DSM IC
74LS366	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS367	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS368	U	QUADTRIP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS37	U	2NANDP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS373	U	TRIGENP	74LS	SOL DIL	SO14 20DIL	DSM IC
74LS374	U	TRIGENP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS375	U	2GLATCHP	74LS	SOL DIL	SOL20 16DIL	DSM IC
74LS377	U	TRIGENP	74LS	SOL DIL	SO16 20DIL	DSM IC
74LS378	U	FF1	74LS	SOL DIL	SOL20 16DIL	DSM IC
74LS379	U	FF2	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS38	U	2NANDP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS386	U	2XORP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS390	U	BINCNT2P	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS393	U	BINCONTTP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS395	U	BITSHIP	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS398	U	1OF2DSP	74LS	SOL DIL	SO16 20DIL	DSM IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS399	U	4ANDORP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS40	U	4NANDP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS42	U	BCD2DEC	74LS	DIL SOL	16DIL SO16	IC DSM
74LS423	U	MONO2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS442	U	OCTBUFP3	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS444	U	OCTBUFP4	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS465	U	OCTTRIP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS466	U	OCTNP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS467	U	OCTTRIP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS468	U	OCTNP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS47	U	BCD7SGNP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS48	U	BCD7SEGP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS49	U	BCD7SGP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS490	U	BINCNT3P	74LS	DIL SOL	16DIL SO16	IC DSM
74LS51	U	1X2_1X3A	74LS	DIL SOL	14DIL SO14	IC DSM
74LS54	U	2X2A_2X3	74LS	DIL SOL	14DIL SO14	IC DSM
74LS540	U	OCTNP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS541	U	OCTTRIP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS55	U	2X4AOIP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS573	U	OCTTRIP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS574	U	TRIGENP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS590	U	REGCNTP	74LS	DIL SOL	16DIL SO16	IC DSM
74LS592	U	REGCNTP2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS593	U	REGCNTPI	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS595	U	8SHREG2	74LS	DIL SOL	16DIL SO16	IC DSM
74LS597	U	8SHREG4	74LS	DIL SOL	16DIL SO16	IC DSM
74LS620	U	OCTLATCH	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS623	U	OCTTRANP	74LS	DIL SOL	20DIL SOL20	IC DSM
74LS624	U	VCOP	74LS	DIL SOL	14DIL SO14	IC DSM
74LS625	U	VCOP1	74LS	DIL SOL	16DIL SO16	IC DSM
74LS628	U	VCOP2	74LS	DIL SOL	14DIL SO14	IC DSM
74LS629	U	VCOP3	74LS	DIL	16DIL	IC

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
74LS630	U	16ERRP	74LS	SOL DIL	SO16 28DIL	DSM IC
74LS640	U	OCTNPSH	74LS	SOL DIL	SOL28 20DIL	DSM IC
74LS641	U	OCTTRISH	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS642	U	OCTNPSH	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS645	U	OCTTRIP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS646	U	OCTRANRP	74LS	SOL DIL	SOL20 24DIL	DSM IC
74LS651	U	OCTRANRN	74LS	SOL DIL	SOL24 24DIL	DSM IC
74LS652	U	OCTRANRP	74LS	SOL DIL	SOL24 24DIL	DSM IC
74LS669	U	UDCNTP3	74LS	SOL DIL	SOL24 16DIL	DSM IC
74LS673	U	16SSREG1	74LS	SOL DIL	SO16 24DIL	DSM IC
74LS674	U	16SSREG2	74LS	SOL DIL	SOL24 24DIL	DSM IC
74LS682	U	8COMP	74LS	SOL DIL	SOL24 20DIL	DSM IC
74LS684	U	8COMP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS688	U	17IPBITP	74LS	SOL DIL	SOL20 20DIL	DSM IC
74LS73	U	JKP	74LS	SOL DIL	SOL20 14DIL	DSM IC
74LS74	U	DTYPEP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS75	U	2GLATCHP	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS76	U	JKP2	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS77	U	2BLATCHP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS83	U	4BITADDP	74LS	SOL DIL	SO14 16DIL	DSM IC
74LS848	U	8TO3ENNP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS85	U	COMP	74LS	SOL DIL	SO16 16DIL	DSM IC
74LS86	U	2XORP	74LS	SOL DIL	SO16 14DIL	DSM IC
74LS90	U	DECOUNTP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS91	U	8BTSHREG	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS92	U	D12CNTP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS93	U	D12CNTP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS95	U	4SHREGP	74LS	SOL DIL	SO14 14DIL	DSM IC
74LS96	U	5SHREGP	74LS	SOL DIL SOL	SO14 16DIL SO16 SO16	DSM IC DSM DSM

## Library :An3

This library contains mainly schematic only parts which correspond to items in the Analyser III primitive library.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
A	U	A	DISCRETE			
F	Q	NMOS	DISCRETE			
N	LK	N	DISCRETE			
Q	Q	NPN	DISCRETE			
RR	R	R	DISCRETE	SM DSC	0805 DISC04	SM DISCRETE
S	LK	S	DISCRETE			
SBLOCK	LK	SBLOCK	DISCRETE			
T	T	T	DISCRETE			
TT	T	TT	DISCRETE			
YBLOCK	LK	YBLOCK	DISCRETE			

## Library :Analogue

This library contains a varied selection of analogue devices, comprising bipolar transistors, FETs, both junction and MSFET, and a range of operational and video amplifiers.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N2222A	Q	NPN	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N3820	Q	PFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4391	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4392	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4393	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4858	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4858A	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4861	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N5179	Q	NPN	DISCRETE	SM DSC	SOT23 TO72	SM DISCRETE
2N918	Q	NPN	DISCRETE	SM DSC	SOT23 TO72	SM DISCRETE
AD549	U	OPAMP2	IC	DIL SOL	TO99 SO8	IC DSM
AD711	U	OPAMPI	IC	DIL SOL	8DIL SO8	IC DSM
AD712	U	OPAMP4	IC	DIL SOL	8DIL SO8	IC DSM
BC107	A	QNPN	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
BC108	Q	NPN	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
BC109	Q	NPN	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
BC142	Q	NPN	DISCRETE	SM DSC	SOT23 TO39	SM DISCRETE
BC143	Q	PNP	DISCRETE	SM DSC	SOT23 TO39	SM DISCRETE
BC177	Q	PNP	DISCRETE	SM	SOT23	SM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
BC178	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
				SM	SOT23	SM
BC179	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
				SM	SOT23	SM
BC182L	Q	NPN	DISCRETE	DSC	TO18	DISCRETE
				SM	SOT23	SM
BC183L	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BC184L	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BC212L	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BC213L	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BC214L	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BC557	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BF240	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
				SM	SOT23	SM
BF241	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BF245A	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BF256A	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
BF259	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
				SM	SOT23	SM
CA3130	U	OPAMP2	IC	DSC	TO39	DISCRETE
				DIL	8DIL	IC
CA3140	U	OPAMP2	IC	SOL	SO8	DSM
				DIL	8DIL	IC
CA3160	U	OPAMP2	IC	SOL	SO8	DSM
				DIL	8DIL	IC
CA3240	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
CA3240-1	U	OPAMP1	IC	SOL	SO8	DSM
				DIL	14DIL	IC
CA3260	U	OPAMP4	IC	SOL	SO14	DSM
				DIL	8DIL	IC
CA5130	U	OPAMP2	IC	SOL	SO8	DSM
				DIL	8DIL	IC
CA5160	U	OPAMP2	IC	SOL	SO8	DSM
				DIL	8DIL	IC
CA5260	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
HA2840	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
HA2841	U	OPAMP1	IC	SOL	SO8	DSM
				MISC	14DIL	IC
ICL7611	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
ICL7612	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
ICL7641	U	OPAMP4	IC	DIL	14DIL	IC
				SOL	SO14	DSM
ICL7642	U	OPAMP4	IC	DIL	14DIL	IC
				SOL	SO14	DSM
IRF510	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
IRF511	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF610	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF620	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF621	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9520	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9530	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9620	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9630	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRFD110	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD111	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD113	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD123	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFF110	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
J112	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
J177	Q	PFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
LF351	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LF356	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LF357	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LM302	U	OPAMP3	IC	DIL	TO99	IC
				SOL	SO8	DSM
LM741	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LM748	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
NE5539	U	OPAMP2	IC	DIL	14DIL	IC
				SOL	SO14	DSM
OP-07	U	OPAMP1	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
				MISC	TO99	IC
OP-27	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
				MISC	TO99	IC
OP-37	U	OPAMP1	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
				MISC	TO99	IC
OP-77	U	OPAMP1	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
				MISC	TO99	IC
OP-90	U	OPAMP1	IC	DIL	8DIL	IC
OPA620	U	OPAMP4	IC	DIL	8DIL	IC
				SOL	SO8	DSM
OPA676	U	MUXAMP1	IC	DIL	16DIL	IC
RC4558	U	OPAMP4	IC	DIL	8DIL	IC
				SOL	SO8	DSM
RFLIN20	Q	NFET	DISCRETE	DSC	TO39	DISCRETE
RFP2N10L	Q	NFET	DISCRETE	DSC	TO220	DISCRETE
RFP2N15L	Q	NFET	DISCRETE	DSC	TO220	DISCRETE
SMD10P05	Q	PMOS	DISCRETE	SM	TO252	SM
				DSC	TO251	DISCRETE
SMM20P10	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
SMP11P20	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
SMP20P10	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
SMP30N10	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
SMP40N10	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
TIP31	Q	NPN	DISCRETE	DSC	TO220	DISCRETE



Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
TIP31A	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIP31B	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIP31C	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIP32	Q	PNP	DISCRETE	DSC	TO220	DISCRETE
TIP32A	Q	PNP	DISCRETE	DSC	TO220	DISCRETE
TIP32B	Q	PNP	DISCRETE	DSC	TO220	DISCRETE
TIP32C	Q	PNP	DISCRETE	DSC	TO220	DISCRETE
TL080	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
TLC251	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
TLC251L	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
TLC251M	U	OPAMP2	IC	DIL	8DIL	IC
				SOL	SO8	DSM
TLC271L	U	OPAMP2	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
TLC271M	U	OPAMP2	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
TLC272	U	OPAMP4	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
TLC274	U	OPAMP4	IC	DIL	14DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO14	DSM
UA741	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
				MISC	TO99	IC
UA741-I	U	OPAMP1	IC	DIL	14DIL	IC
				LCC	LCC20B	QBSM
ZTX239	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
ZTX313	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
ZTX450	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE

## Library : Bipolar I

This library contains a selection of bipolar transistors.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N1711	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
2N2219A	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	TO5	DISCRETE
2N2369A	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	TO18	DISCRETE
2N2905	Q	PNP	DISCRETE	SM	SOT23	SM
				DSC	TO5	DISCRETE
2N3019	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
2N3053	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
				MISC	TO39	DISCRETE
2N3440	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
				MISC	TO39	DISCRETE
2N3702	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
2N3703	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
2N3704	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
2N3705	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
2N3866	Q	NPN	DISCRETE	DSC	TO39	DISCRETE
2N3903	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N3904	Q	NPN	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N3906	Q	PNP	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4125	Q	PNP	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4400	Q	NPN	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4401	Q	NPN	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4402	Q	PNP	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4403	Q	PNP	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N5401	Q	PNP	DISCRETE	DSC	TO92	DISCRETE
2N5415	Q	PNP	DISCRETE	DSC	TO39	DISCRETE
2N5416	Q	PNP	DISCRETE	DSC	TO39	DISCRETE
2N6542	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
2N6543	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
2N6545	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
2N6546	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
2N6547	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
2N711	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
BC237B	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC307B	Q	PNP	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC327	Q	PNP	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC337	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC441	Q	NPN	DISCRETE	DSC	TO39	DISCRETE
BC461	Q	PNP	DISCRETE	DSC	TO39	DISCRETE
BC477	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
BC478	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
BC479	Q	PNP	DISCRETE	DSC	TO18	DISCRETE
BC546	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC547	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC548	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC549	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC550	Q	NPN	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC556	Q	PNP	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC558	Q	PNP	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BC559	Q	PNP	DISCRETE	SM DSC	SOT23 TO92A	SM DISCRETE
BCY70	Q	PNP	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
BCY71	Q	PNP	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
BD131	Q	NPN	DISCRETE	DSC	TO126	DISCRETE
BD132	Q	PNP	DISCRETE	DSC	TO126	DISCRETE
BD135	Q	NPN	DISCRETE	DSC	TO126	DISCRETE
BD136	Q	PNP	DISCRETE	DSC	TO126	DISCRETE
BD437	Q	NPN	DISCRETE	DSC	TO126	DISCRETE
BD438	Q	PNP	DISCRETE	DSC	TO126	DISCRETE
BD539A	Q	NPN	DISCRETE	DSC	TOP66	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
BD539B	Q	NPN	DISCRETE	DSC	TOP66	DISCRETE
BD539C	Q	NPN	DISCRETE	DSC	TOP66	DISCRETE
BD540A	Q	PNP	DISCRETE	DSC	TOP66	DISCRETE
BD540B	Q	PNP	DISCRETE	DSC	TOP66	DISCRETE
BD540C	Q	PNP	DISCRETE	DSC	TOP66	DISCRETE
BF198	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF199	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF254	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF324	Q	PNP	DISCRETE	DSC	TO92A	DISCRETE
BF370	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF450	Q	PNP	DISCRETE	DSC	TO92A	DISCRETE
BF451	Q	PNP	DISCRETE	DSC	TO92A	DISCRETE
BF494	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF495	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF496	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BF926	Q	PNP	DISCRETE	DSC	TO92A	DISCRETE
BF970	Q	PNP	DISCRETE	SM	SOT37	DISCRETE
BF970A	Q	PNP	DISCRETE	SM	SOT37	DISCRETE
BF979	Q	PNP	DISCRETE	SM	SOT37	DISCRETE
BFR54	Q	NPN	DISCRETE	DSC	TO92A	DISCRETE
BFX85	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
BFY50	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
BFY51	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
BFY52	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
BU208A	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
BU326A	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
BUP35	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
BUP36	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
BUP41	Q	NPN	DISCRETE	DSC	TO126	DISCRETE
BUY82	Q	NPN	DISCRETE	DSC	TO5	DISCRETE
D44C10	Q	NPN	DISCRETE	DSC	TOP66	DISCRETE
D44Q5	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
JF494	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
MJ16002A	Q	NPN	DISCRETE	DSC	TO3	DISCRETE
MJE18002	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
MJH16002A	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
MPSA18	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
MPSA42	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
MPSA92	Q	PNP	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
SM2283	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
SM3181	Q	NPN	DISCRETE	DSC	TO92	DISCRETE
TIP47	Q	NPN	DISCRETE	DSC	TOP66	DISCRETE
TIPL760	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIPL760A	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIPL760B	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIPL761	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL761A	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL762	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL762A	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL763	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL763A	Q	NPN	DISCRETE	DSC	TO247	DISCRETE
TIPL770	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIPL791	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
TIPL791A	Q	NPN	DISCRETE	DSC	TO220	DISCRETE
ZTX300	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
ZTX302	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
ZTX453	Q	NPN	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
ZTX500	Q	PNP	DISCRETE	SM	SOT23	SM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
ZTX502	Q	PNP	DISCRETE	DSC SM	ELINE SOT23	DISCRETE SM
ZTX550	Q	PNP	DISCRETE	DSC SM	ELINE SOT23	DISCRETE SM
ZTX651	Q	NPN	DISCRETE	DSC	ELINE	DISCRETE
ZTX653	Q	NPN	DISCRETE	DSC	ELINE	DISCRETE
ZTX689B	Q	NPN	DISCRETE	DSC	ELINE	DISCRETE
ZTX751	Q	PNP	DISCRETE	DSC	ELINE	DISCRETE
ZTX753	Q	PNP	DISCRETE	DSC	ELINE	DISCRETE

### Library : Conn\_std

This library contains a small number of connectors. D-Type and DIN41612 type connectors may be found in the Discrete library.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
1WP	PL	1P	PLUG	DSC	1	DISCRETE
26WDP	PL	13P	PLUG	DSC	26	DISCRETE
2WP	PL	2P	PLUG	DSC	2	DISCRETE
3WP	PL	3P	PLUG	DSC	3	DISCRETE
4WP	PL	4P	PLUG	DSC	4	DISCRETE
5WP	PL	5P	PLUG	DSC	5	DISCRETE

### Library : Csm

This library contains a selection of surface mount devices created to the IPC-782 standard format.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
32AP	PL		SML	32AP	CSM	
32APR	PL		SML	32APR	CSM	
32AS	SK		SML	32AS	CSM	
32ASR	SK		SML	32ASR	CSM	
64ABP	PL		SML	64ABP	CSM	
64ABPR	PL		SML	64ABPR	CSM	
64ABS	SK		SML	64ABS	CSM	
64ABSR	SK		SML	64ABSR	CSM	
64ACP	PL		SML	64ACP	CSM	
64ACPR	PL		SML	64ACPR	CSM	
64ACS	SK		SML	64ACS	CSM	
64ACSR	SK		SML	64ACSR	CSM	
96P	PL		SML	96P	CSM	
96PR	PL		SML	96PR	CSM	
96S	SK		SML	96S	CSM	
96SR	SK		SML	96SR	CSM	
CC100	SK		LCC	CC100	CSM	
CC100C	SK		LCC	CC100C	CSM	
CC44	SK		LCC	CC44	CSM	
CC44C	SK		LCC	CC44C	CSM	
CC52	SK		LCC	CC52	CSM	
CC52C	SK		LCC	CC52C	CSM	
CC68	SK		LCC	CC68	CSM	
CC68C	SK		LCC	CC68C	CSM	
CC84	SK		LCC	CC84	CSM	
CC84C	SK		LCC	CC84C	CSM	
DIPI4	SK		SM	DIPI4	CSM	
			SML	DIPI4	CSM	
DIPI6	SK		SML	DIPI6	CSM	
DIPI8	SK		SML	DIPI8	CSM	
DIP20	SK		SML	DIP20	CSM	
DIP22	SK		SML	DIP22	CSM	

Component	SCM Sym	Package	PCB Lib	
Ref	SCM Lib	PCB Sym		
DIP224	SK	SML	DIP224	CSM
DIP24	SK	SML	DIP24	CSM
DIP244	SK	SML	DIP244	CSM
DIP246	SK	SML	DIP246	CSM
DIP286	SK	SML	DIP286	CSM
DIP32	SK	SML	DIP32	CSM
DIP40	SK	SML	DIP40	CSM
DIP48	SK	SML	DIP48	CSM
DIP489	SK	SML	DIP489	CSM
DIP6	SK	SML	DIP6	CSM
DIP64	SK	SML	DIP64	CSM
DIP8	SK	SML	DIP8	CSM
IDC10H	PL	SML	IDC10H	CSM
IDC10V	PL	SML	IDC10V	CSM
IDC14H	PL	SML	IDC14H	CSM
IDC14V	PL	SML	IDC14V	CSM
IDC16H	PL	SML	IDC16H	CSM
IDC16V	PL	SML	IDC16V	CSM
IDC20H	PL	SML	IDC20H	CSM
IDC20V	PL	SML	IDC20V	CSM
IDC26H	PL	SML	IDC26H	CSM
IDC26V	PL	SML	IDC26V	CSM
IDC30H	PL	SML	IDC30H	CSM
IDC30V	PL	SML	IDC30V	CSM
IDC34H	PL	SML	IDC34H	CSM
IDC34V	PL	SML	IDC34V	CSM
IDC40H	PL	SML	IDC40H	CSM
IDC40V	PL	SML	IDC40V	CSM
IDC50H	PL	SML	IDC50H	CSM
IDC50V	PL	SML	IDC50V	CSM
IDC60H	PL	SML	IDC60H	CSM
IDC60V	PL	SM	LOK	CSM
		SML	IDC60V	CSM
LOK	SK	SM	LOK	CSM
MOD4-10	SK	SML	MOD4-10	CSM
MOD4-12	SK	SML	MOD4-12	CSM
MOD4-14	SK	SML	MOD4-14	CSM
MOD4-16	SK	SML	MOD4-16	CSM
MOD4-20	SK	SML	MOD4-20	CSM
MOD4-24	SK	SML	MOD4-24	CSM
MOD4-26	SK	SML	MOD4-26	CSM
MOD4-30	SK	SML	MOD4-30	CSM
MOD4-32	SK	SML	MOD4-32	CSM
MOD4-34	SK	SML	MOD4-34	CSM
MOD4-40	SK	SML	MOD4-40	CSM
MOD4-48	SK	SML	MOD4-48	CSM
MOD4-50	SK	SML	MOD4-50	CSM
MOD4-56	SK	SML	MOD4-56	CSM
MOD4-6	SK	SML	MOD4-6	CSM
MOD4-60	SK	SML	MOD4-60	CSM
MOD4-64	SK	SML	MOD4-64	CSM
MOD4-8	SK	SML	MOD4-8	CSM
SDL	SK	SM	SDL	CSM
SHUNT10	J	SM	SHUNT10	CSM
SHUNT5	J	SM	SHUNT5	CSM
SHUNT6	J	SM	SHUNT6	CSM
SHUNT7	J	SM	SHUNT7	CSM
SHUNT8	J	SM	SHUNT8	CSM
SHUNT9	J	SM	SHUNT9	CSM
SW10	SW	SM	SW10	CSM
SW12	SW	SM	SW12	CSM
SW16	SW	SM	SW16	CSM
SW18	SW	SM	SW18	CSM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
SW20	SW		SM	SW20	CSM	
SW24	SW		SM	SW24	CSM	
SW6	SW		SM	SW6	CSM	
SW8	SW		SM	SW8	CSM	

## Library : Demolib

This library contains the components used in the evaluation guide on the demo disk. All components found in this library are taken from other supplied libraries within Easy-PC For Windows.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N5179	Q	NPN	DEMOLIB	SM DSC	SOT23 TO18	DEMOLIB DEMOLIB
74LS00	U	2NANDP	DEMOLIB	DIL SOL	14DIL SO14	DEMOLIB DEMOLIB
74LS08	U	2ANDP	DEMOLIB	DIL SOL	14DIL SO14	DEMOLIB DEMOLIB
74LS154	U	4216LDEC	DEMOLIB	DIL SOL	24DIL SOL24	DEMOLIB DEMOLIB
74LS193	U	UDCNTP2	DEMOLIB	DIL SOL	16DIL SO16	DEMOLIB DEMOLIB
74LS74	U	DTYPEP	DEMOLIB	DIL SOL	14DIL SO14	DEMOLIB DEMOLIB
74LS93	U	D12CNTP	DEMOLIB	DIL SOL	14DIL SO14	DEMOLIB DEMOLIB
BF240	Q	NPN	DEMOLIB	SM DSC	SOT23 TO92A	DEMOLIB DEMOLIB
BF245A	Q	NFET	DEMOLIB	SM DSC	SOT23 TO92	DEMOLIB DEMOLIB
BF256A	Q	NFET	DEMOLIB	SM DSC	SOT23 TO92	DEMOLIB DEMOLIB
C	C	C	DEMOLIB	SM DSC	C0805 DISC03	DEMOLIB DEMOLIB
L	L	L	DEMOLIB	SM DSC	L0805 DISC04L	DEMOLIB DEMOLIB
LM741	U	OPAMPI	DEMOLIB	DIL SOL	8DIL SO8	DEMOLIB DEMOLIB
R	R	R	DEMOLIB	SM DSC	0805 DISC04	DEMOLIB DEMOLIB
T	T	T	DEMOLIB	SM DSC	TSM T	DEMOLIB DEMOLIB
TL080	U	OPAMPI	DEMOLIB	DIL SOL	8DIL SO8	DEMOLIB DEMOLIB

## Library : Discrete

This library contains many of the miscellaneous discrete components required for the design of printed circuits, including abstract parts such as labels and drawing blanks.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
6464F	CONN	64PIN	DISCRETE	DSC	6464F	DISCRETE
6464M	PL	64PIN	DISCRETE	DSC	6464M	DISCRETE
6496F	CONN	64PIN	DISCRETE	DSC	6496F	DISCRETE
6496M	CONN	64PIN	DISCRETE	DSC	6496M	DISCRETE
9696F	CONN	96PIN	DISCRETE	DSC	9696F	DISCRETE
9696M	CONN	96PIN	DISCRETE	DSC	9696M	DISCRETE
A1	OTL	A1	DISCRETE			
A2	OTL	A2	DISCRETE			

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
A3	OTL	A3	DISCRETE			
A4	OTL	A4	DISCRETE			
C	C	C	DISCRETE	SM	C0805	SM
				DSC	DISC03	DISCRETE
CP	C	CP	DISCRETE	DSCV	CAPP3V	DISCRETE
CP1	C	CP	DISCRETE	DSCV	CAPP1V	DISCRETE
CP3	C	CP	DISCRETE	DSCV	CAPP3V	DISCRETE
CP4	C	CP	DISCRETE	DSCV	CAPP4V	DISCRETE
CP5	C	CP	DISCRETE	DSCV	CAPP5V	DISCRETE
CP6	C	CP	DISCRETE	DSCV	CAPP6V	DISCRETE
CT1	C	CT	DISCRETE	DSC	CT3	DISCRETE
				DSCV	CT5	DISCRETE
				MISC	CT1	DISCRETE
CT2	C	CT	DISCRETE	DSC	CT4	DISCRETE
				DSCV	CT6	DISCRETE
				MISC	CT2	DISCRETE
CV1	C	CV	DISCRETE	DSC	CV1	DISCRETE
D	D	D	DISCRETE	DSC	DIOD03	DISCRETE
				MISC	DIOD04	DISCRETE
D1590F	CONN	15PIN	DISCRETE	DSC	D1590F	DISCRETE
D1590M	CONN	15PIN	DISCRETE	DSC	D1590M	DISCRETE
D15F	CONN	15PIN	DISCRETE	DSC	D15F	DISCRETE
D15M	CONN	15PIN	DISCRETE	DSC	D15M	DISCRETE
D2590F	CONN	25PIN	DISCRETE	DSC	D2590F	DISCRETE
D2590M	CONN	25PIN	DISCRETE	DSC	D2590M	DISCRETE
D25F	CONN	25PIN	DISCRETE	DSC	D25F	DISCRETE
D25M	CONN	25PIN	DISCRETE	DSC	D25M	DISCRETE
D990F	CONN	9PIN	DISCRETE	DSC	D990F	DISCRETE
D990M	CONN	9PIN	DISCRETE	DSC	D990M	DISCRETE
D9F	CONN	9PIN	DISCRETE	DSC	D9F	DISCRETE
D9M	CONN	9PIN	DISCRETE	DSC	D9M	DISCRETE
DPDT	SW	SPDT	DISCRETE	DSC	DPDTHH	DISCRETE
				DSCV	DPDTV	DISCRETE
				MISC	DPDTHV	DISCRETE
FUSE	FS	FUSE	DISCRETE	DSC	FUSE	DISCRETE
				MISC	FUSE1	DISCRETE
FUSE2	FS	FUSE	DISCRETE	DSC	FUSE2	DISCRETE
				MISC	FUSE4	DISCRETE
FUZE	FS	FUZE	DISCRETE	DSC	FUSE3	DISCRETE
L	L	L	DISCRETE	SM	0805	SM
				DSC	DISC04L	DISCRETE
LED	LED	LED	DISCRETE	DSC	LEDT175	DISCRETE
				MISC	LEDT1	DISCRETE
PRESET	VR	RP	DISCRETE	DSC	POT1H	DISCRETE
R	R	R	DISCRETE	SM	0805	SM
				DSC	DISC04	DISCRETE
R3	R	R	DISCRETE	DSC	RSIL6	DISCRETE
R3C	R	R	DISCRETE	DSC	RSIL4	DISCRETE
R4	R	R	DISCRETE	DSC	RSIL8	DISCRETE
R4C	R	R	DISCRETE	DSC	RSIL5	DISCRETE
R5	R	R	DISCRETE	DSC	RSIL10	DISCRETE
R5C	R	R	DISCRETE	DSC	RSIL6	DISCRETE
R6C	R	R	DISCRETE	DSC	RSIL7	DISCRETE
R7C	R	R	DISCRETE	DSC	RSIL8	DISCRETE
R8C	R	R	DISCRETE	DSC	RSIL9	DISCRETE
R9C	R	R	DISCRETE	DSC	RSIL10	DISCRETE
R_2POT	R	RV	DISCRETE	DSC	POT5H	DISCRETE
R_POT	R	RV	DISCRETE	DSC	POT4H	DISCRETE
				DSCV	POT4V	DISCRETE
R_PRE	R	RP	DISCRETE	DSC	POT1H	DISCRETE
				DSCV	POT1V	DISCRETE
R_PREC	R	RP	DISCRETE	DSC	POT2H	DISCRETE
				DSCV	POT2V	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
R_PREM	R	RP	DISCRETE	DSC	POT3H	DISCRETE
			DSCV	POT3V	DISCRETE	
RA	R	RA	DISCRETE	SM	0805	SM
				DSC	DISC04A	DISCRETE
RA3	R	RA	DISCRETE	DSC	RSIL6	DISCRETE
RA3C	R	RA	DISCRETE	DSC	RSIL4	DISCRETE
RA4	R	RA	DISCRETE	DSC	RSIL8	DISCRETE
RA4C	R	RA	DISCRETE	DSC	RSIL5	DISCRETE
RA5	R	RA	DISCRETE	DSC	RSIL10	DISCRETE
RA5C	R	RA	DISCRETE	DSC	RSIL6	DISCRETE
RA6C	R	RA	DISCRETE	DSC	RSIL7	DISCRETE
RA7C	R	RA	DISCRETE	DSC	RSIL8	DISCRETE
RA8C	R	RA	DISCRETE	DSC	RSIL9	DISCRETE
RA9C	R	RA	DISCRETE	DSC	RSIL10	DISCRETE
RA_2POT	R	RVA	DISCRETE	DSC	POT5H	DISCRETE
RA_POT	R	RVA	DISCRETE	DSC	POT4H	DISCRETE
				DSCV	POT4V	DISCRETE
RA_PRE	R	RPA	DISCRETE	DSC	POT1H	DISCRETE
				DSCV	POT1V	DISCRETE
RA_PREC	R	RPA	DISCRETE	DSC	POT2H	DISCRETE
				DSCV	POT2V	DISCRETE
RA_PREM	R	RPA	DISCRETE	DSC	POT3H	DISCRETE
				DSCV	POT3V	DISCRETE
SPDT	SW	SPDT	DISCRETE	DSC	SPDTHH	DISCRETE
				DSCV	SPDTV	DISCRETE
				MISC	SPDTHV	DISCRETE
XTAL	XTAL	XTAL	Discrete	DSC	HC18U	DISCRETE
ZENER	ZD	ZENER	DISCRETE	DSC	DIOD03	DISCRETE
				MISC	DIOD04	DISCRETE

## Library : Dsm

This library contains a selection of surface mount dual in-line components, created to the IPC standard format.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
14	U			SM	14	DSM
16	U			SM	16	DSM
18	U			SM	18	DSM
20	U			SM	20	DSM
22	U			SM	22	DSM
24	U			SM	24	DSM
28	U			SM	28	DSM
8	U			SM	8	DSM
MO003-10	U			SM	MO003-10	DSM
MO003-14	U			SM	MO003-14	DSM
MO004-10	U			SM	MO004-10	DSM
MO004-14	U			SM	MO004-14	DSM
MO004-16	U			SM	MO004-16	DSM
MO018-18	U			SM	MO018-18	DSM
MO018-40	U			SM	MO018-40	DSM
MO019-24	U			SM	MO019-24	DSM
MO019-28	U			SM	MO019-28	DSM
MO020-36	U			SM	MO020-36	DSM
MO020-40	U			SM	MO020-40	DSM
MO021-16	U			SM	MO021-16	DSM
MO021-24	U			DIL	MO021-24	DSM
MO021-36	U			DIL	MO021-36	DSM
MO022-20	U			DIL	MO022-20	DSM
MO022-42	U			DIL	MO022-42	DSM
MO023-36	U			DIL	MO023-36	DSM
MO023-50	U			DIL	MO023-50	DSM



SO14	U	SOL	SO14	DSM
SO16	U	SOL	SO16	DSM
SO8	U	SOL	SO8	DSM
SOJ14	U	SOL	SOJ14	DSM
SOJ16	U	SOL	SOJ16	DSM
SOJ18	U	SOL	SOJ18	DSM
SOJ20	U	SOL	SOJ20	DSM
SOJ22	U	SOL	SOJ22	DSM
SOJ24	U	SOL	SOJ24	DSM
SOJ26	U	SOL	SOJ26	DSM
SOJ28	U	SOL	SOJ28	DSM
SOL14	U	SOL	SOL14	DSM
SOL16	U	SOL	SOL16	DSM
SOL18	U	SOL	SOL18	DSM
SOL20	U	SOL	SOL20	DSM
SOL24	U	SOL	SOL24	DSM
SOL28	U	SOL	SOL28	DSM

## Library : FetI

This library contains a selection of field effect transistors FETs.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N3819	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
2N4091	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4092	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4117	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N4118	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N4119	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N4220	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N4338	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4339	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4340	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4341	Q	NFET	DISCRETE	DSC	TO18	DISCRETE
2N4416	Q	NFET	DISCRETE	SM DSC	SOT23 TO72	SM DISCRETE
2N4856	Q	NFET	DISCRETE	SM DSC	SOT23 TO18	SM DISCRETE
2N4867	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N4868	Q	NFET	DISCRETE	DSC	TO72	DISCRETE
2N5460	Q	PFET	DISCRETE	DSC	TO92	DISCRETE
2N5461	Q	PFET	DISCRETE	DSC	TO92	DISCRETE
2N5465	Q	PFET	DISCRETE	DSC	TO92	DISCRETE
2N5484	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
2N5485	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
2N5486	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
2N5564	Q	NFET	DISCRETE	DSC	TO71	DISCRETE
2N5638	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
2N5640	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
2N5911	Q	NFET	DISCRETE	DSC	TO78	DISCRETE
2N6755	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6757	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6761	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6763	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6765	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6767	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6769	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6782	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6784	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6786	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6788	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6790	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6792	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
2N6794	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6796	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6798	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6800	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6802	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6804	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
2N6849	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
2N6851	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
2N6897	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
2N6898	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
2N6901	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6902	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6903	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
2N6904	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
2N6905	Q	NFET	DISCRETE	DSC	TO71	DISCRETE
2N6908	Q	NFETD	DISCRETE	DSC	TO72	DISCRETE
2N7000	Q	NMOS	DISCRETE	DSC	TO92	DISCRETE
2N7080	Q	PMOS	DISCRETE	DSC	TO254	DISCRETE
2N7090	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
BF244	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
BF245	Q	NFET	DISCRETE	DSC	TO92	DISCRETE
BF960	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF964	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF964S	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF965	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF966	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF980	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF981	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF982	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF989	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF990	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF991	Q	DNMOS	DISCRETE	SM	SOT143	SM
			DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF994	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF996	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BF997	Q	DNMOS	DISCRETE	SM	SOT143	SM
				DSC	SOT103	DISCRETE
BS107	Q	NMOS	DISCRETE	DSC	TO92A	DISCRETE
BS170	Q	NMOS	DISCRETE	DSC	TO92A	DISCRETE
BSR56	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO18	DISCRETE
BSS89	Q	NMOS	DISCRETE	DSC	TO92A	DISCRETE
BSS92	Q	PMOS	DISCRETE	DSC	TO92A	DISCRETE
BUK453-60A	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK454-200B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK455-200A	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK455-600B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK455-60A	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK456-1000B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
BUK456-200B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK456-800B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK553-100B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK553-60B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK555-100B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUK555-60B	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ11	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ20	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ21	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ32	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ351	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
BUZ41A	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ42	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ45	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
BUZ60	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ71	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ72A	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ73	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
BUZ76	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF120	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF130	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF140	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF150	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF220	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF230	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF234	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF240	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF244	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF250	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF254	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF320	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF330	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF340	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF350	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF360	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF420	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF430	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF440	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF450	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRF512	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF513	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF520	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF530	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF531	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF540	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF610	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF624	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF630	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF634	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF640	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF643	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF710	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF720	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF730	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF740	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF820	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF822	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF830	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF831	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF840	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9130	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
IRF9131	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
IRF9140	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
IRF9150	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
IRF9230	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
IRF9240	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
IRF9510	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9540	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
IRF9640	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE

## Library : Fet2

This library contains a further selection of field effect transistors FETs.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
IRFAC40R	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
IRFD120	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD1Z0	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD210	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD220	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD2Z0	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD310	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD320	Q	NMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD9110	Q	PMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD9120	Q	PMOS	DISCRETE	DSC	TO250	DISCRETE
IRFD9220	Q	PMOS	DISCRETE	DSC	TO250	DISCRETE
IRFF120	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF130	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF210	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF230	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF233	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF310	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF320	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF330	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF420	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF430	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF9120	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF9130	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF9220	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
IRFF9230	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
IRFP140R	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP150	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP240R	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP244	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP250	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP254	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP340R	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP350	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP360	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP440R	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP450	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP460	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP9140R	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP9150	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP9240R	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
IRFP9241R	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
IRFPC40R	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
IRFR120	Q	NMOS	DISCRETE	SM	TO252	SM
				DSC	TO251	DISCRETE
IRFR220	Q	NMOS	DISCRETE	SM	TO252	SM
				DSC	TO251	DISCRETE
IRFR320	Q	NMOS	DISCRETE	SM	TO252	SM
				DSC	TO251	DISCRETE
IRFR420	Q	NMOS	DISCRETE	SM	TO252	SM
				DSC	TO251	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
J105	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J108	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J111	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J111A	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J174	Q	PFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J175	Q	PFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J176	Q	PFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J201	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J210	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J230	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J231	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J232	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
J270	Q	PFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
MTH15N20	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
MTH40N06	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
MTH7N50	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
MTH8P20	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
MTM15N50	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
MTM60N06	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
MTP10N10	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
MTP10N10M	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
MTP25N06	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
MTP2N50	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
PN4117	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
PN4118	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
PN4119	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
PN4302	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
PN4416	Q	NFET	DISCRETE	SM DSC	SOT23 TO92	SM DISCRETE
RFD14N05L	Q	NMOS	DISCRETE	SM DSC MISC	TO252 TO251 TO220	SM DISCRETE DISCRETE
RFD15P05	Q	PMOS		SM DSC MISC	TO252 TO251 TO220	SM DISCRETE DISCRETE
RFD16N05L	Q	NMOS	DISCRETE	SM DSC MISC	TO252 TO251 TO220	SM DISCRETE DISCRETE
RFD8P05	Q	PMOS	DISCRETE	SM DSC MISC	TO252 TO251 TO220	SM DISCRETE DISCRETE
RF30P05	Q	PMOS	DISCRETE	DSC MISC	TO247 TO220	DISCRETE DISCRETE
RF30P06	Q	PMOS	DISCRETE	DSC MISC	TO247 TO220	DISCRETE DISCRETE
RF40N10	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
				MISC	TO220	DISCRETE
RFG60P05	Q	PMOS	DISCRETE	DSC	TO247	DISCRETE
RFH10N45	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFH12N35	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFH25N18	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFH30N12	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFH35N08	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFH45N05	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
RFLIN08	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLIN08L	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLINI2	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLINI8	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLINI8L	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLIN20L	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFLIP08	Q	PMOS	DISCRETE	DSC	TO39	DISCRETE
RFL2N05	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFL4N12	Q	NMOS	DISCRETE	DSC	TO39	DISCRETE
RFM10N12L	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM10N45	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM10P12	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM12N08	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM12N08L	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM12N18	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM15N05L	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM5P12	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM6P08	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM8N18L	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFM8P08	Q	PMOS	DISCRETE	DSC	TO3	DISCRETE
				MISC	TO220	DISCRETE
RFP10N12	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP10N12L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP10N15L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP12N10L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP12P08	Q	PMOS	DISCRETE	DSC	TO220	DISCRETE
RFP15N05	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP15N06L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP15N12	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP18N08	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP25N05	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP25N06	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N08L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N10	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N10L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N15L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N18L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP2N20L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP3N45	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP4N05	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP4N05L	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP4N100	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP4N35	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP50N05	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP6N45	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE



Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
RFP7N35	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
RFP8N18	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
SMM40N20	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
SMM70N06	Q	NMOS	DISCRETE	DSC	TO3	DISCRETE
SMP60N06	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
SMP60N06-14	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
SMP60N06-18	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
SMW45N10	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
SMW60N10	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
SMW70N06-14	Q	NMOS	DISCRETE	DSC	TO247	DISCRETE
SST4091	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
				MISC	TO18	DISCRETE
SST4391	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
				MISC	TO18	DISCRETE
SST4416	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
				MISC	TO72	DISCRETE
SST4861	Q	NFET	DISCRETE	SM	SOT23	SM
				DSC	TO18	DISCRETE
VN0808	Q	NMOS	DISCRETE	DSC	TO92	DISCRETE
VN10KM	Q	NMOS	DISCRETE	DSC	TO92	DISCRETE
VN10LM	Q	NMOS	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
VN1206	Q	NMOS	DISCRETE	DSC	TO92	DISCRETE
VN46AFD	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
VN66AFD	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
VN88AFD	Q	NMOS	DISCRETE	DSC	TO220	DISCRETE
VP0610L	Q	PMOS	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
VP2410L	Q	PMOS	DISCRETE	SM	SOT23	SM
				DSC	TO92	DISCRETE
ZVN3306A	Q	NMOS	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
				MISC	TO39	DISCRETE
ZVNL120A	Q	NMOS	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
				SML	SOT89	SM
				MISC	TO39	DISCRETE
ZVP3306A	Q	PMOS	DISCRETE	SM	SOT23	SM
				DSC	ELINE	DISCRETE
				MISC	TO39	DISCRETE

## Library : Hybrid

This library contains a various mixed analogue and digital devices.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
555	U	TIM8P	DISCRETE	DIL	8DIL	IC
				SOL	SO8	DSM
				MISC	TO99	IC
556	U	TIM8P	DISCRETE	DIL	14DIL	IC
				SOL	SO14	DSM
7805	U	VREG	IC	DSC	TO220	IC
				MISC	TO3	IC
7806	U	VREG	IC	DSC	TO220	IC
				MISC	TO3	IC
7808	U	VREG	IC	DSC	TO220	IC
				MISC	TO3	IC
7812	U	VREG	IC	DSC	TO220	IC

7815	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7818	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7824	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7905	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7908	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7912	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7915	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7918	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
7924	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
LM317	U	VREG	IC	MISC	TO3	IC
				DSC	TO220	IC
LM723	U	VREG1	IC	DIL	14DIL	IC

## Library : Opamp I

This library contains a selection of operational amplifiers.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
AD515	U	OPAMP2	IC	DSC	TO99	IC
AD548	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
AD645	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
AD648	U	OPAMP4	IC	DIL	8DIL	IC
				DSC	TO99	IC
CA3078	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
CA3100	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
CA3420	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
CA3440	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
CA3450	U	VIDAMP1	IC	DIL	16DIL	IC
CA5260	U	OPAMP4	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
CA5420	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
CA5470	U	OPAMP4	IC	DIL	14DIL	IC
				SOL	SO14	DSM
CA741	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
HA2444	U	MUXAMP2	IC	DIL	16DIL	IC
HA2529	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
HA2539	U	OPAMP4	IC	DIL	14DIL	IC



Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
HA2540	U	OPAMP4	IC	LCC	LCC20B	QBSM
				SOL	SO14	DSM
				DIL	14DIL	IC
				LCC	LCC20B	QBSM
HA2548	U	OPAMP2	IC	SOL	SO14	DSM
				DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO16	DSM
HA2640	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
HA2850	U	OPAMP4	IC	DIL	8DIL	IC
				SOL	SO8	DSM
HA5134	U	OPAMP4	IC	MISC	14DIL	IC
				DIL	14DIL	IC
HA5160	U	OPAMP5	IC	DSC	TO99	IC
HA5170	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
HA5190	U	OPAMP4	IC	DIL	14DIL	IC
				DSC	TO8	IC
				SOL	SO14	DSM
				DIL	8DIL	IC
ICL7650S	U	OPAMP2	IC	DSC	TO99	IC
				SOL	SO8	DSM
				DIL	14DIL	IC
				SOL	SO14	DSM
ICL7650S-1	U	CHOPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
LF353	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
LF355	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
				MISC	14DIL	IC
				DSC	TO99A	IC
LF400	U	OPAMP2	IC	DIL	8DIL	IC
LF411	U	OPAMP1	IC	SOL	SO8	DSM
				DIL	8DIL	IC
LF412A	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
LH0022	U	OPAMP1	IC	SOL	SO8	DSM
				DIL	14DIL	IC
				DSC	TO99A	IC
				LCC	LCC20B	QBSM
LH0061	U	OPAMP6	IC	DSC	TO3-8	IC
LM111	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99A	IC
				SOL	SO8	DSM
				DSC	TO99A	IC
LM12	U	OPAMP4	IC	SOL	SO8	DSM
LM1558	U	OPAMP4	IC	DSC	TO3-4	IC
				DIL	8DIL	IC
				DSC	TO99A	IC
				SOL	SO8	DSM
LM301	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99A	IC
				SOL	SO8	DSM
				MISC	14DIL	IC
LM308	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99A	IC
				SOL	SO8	DSM
				MISC	14DIL	IC
LM324	U	OPAMP4	IC	DIL	14DIL	IC
				SOL	SO14	DSM
LM348	U	OPAMP4	IC	DIL	14DIL	IC
				SOL	SO14	DSM
LM6361	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LM6364	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM
LM6365	U	OPAMP1	IC	DIL	8DIL	IC
				SOL	SO8	DSM

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
LM725	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99A	IC
				SOL	SO8	DSM
LM833	U	OPAMP4	IC	DIL	8DIL	IC
				SOL	SO8	DSM
MC1748	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
NE5532	U	OPAMP4	IC	DIL	8DIL	IC
				SOL	SO8	DSM
NE5534	U	OPAMP2	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
OP-42	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
OP-470	U	OPAMP4	IC	DIL	14DIL	IC
				LCC	LCC28B	QBSM
				SOL	SO14	DSM
				MISC	LCC20B	QBSM
OPA101	U	OPAMP2	IC	DSC	TO99	IC
OPA102	U	OPAMP2	IC	DSC	TO99	IC
OPA111	U	OPAMP2	IC	DSC	TO99	IC
OPA11HT	U	OPAMP2	IC	DSC	TO99	IC
OPA121	U	OPAMP2	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
OPA128	U	OPAMP2	IC	DSC	TO99	IC
OPA156	U	OPAMP1	IC	DSC	TO99	IC
OPA201	U	MUXAMP1	IC	DIL	14DIL	IC
OPA21	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
OPA2107A	U	OPAMP4	IC	DIL	8DIL	IC
				DSC	TO99	IC
				SOL	SO8	DSM
OPA404	U	OPAMP4	IC	DIL	14DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO16	DSM
OPA445	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
OPA512	U	OPAMP2	IC	DSC	TO3-8	IC
OPA606	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
TL071	U	OPAMP1	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
TL072	U	OPAMP4	IC	DIL	8DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO8	DSM
TL074	U	OPAMP4	IC	DIL	14DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO14	DSM
TL081	U	OPAMP1	IC	DIL	8DIL	IC
				DSC	TO99	IC
				LCC	LCC20B	QBSM
TL082	U	OPAMP4	IC	SOL	SO8	DSM
				DIL	8DIL	IC
				DSC	TO99	IC
TL084	U	OPAMP4	IC	LCC	LCC20B	QBSM
				SOL	SO8	DSM
				DIL	14DIL	IC
				LCC	LCC20B	QBSM
				SOL	SO14	DSM

## Library : PCB

This library contains components which only have PCB representations and therefore cannot be used in the Schematic editor without modification first. These are intended for users who wish to use the PCB design editor without creating the schematic first.

Component	SCM Sym	Package	PCB Lib
	Ref	SCM Lib	PCB Sym
14DIL	U	DIL	14DIL
14SIL	U	SIL	14SIL
16DIL	U	DIL	16DIL
16SIL	U	SIL	16SIL
18DIL	U	DIL	18DIL
20DIL	U	DIL	20DIL
20SIL	U	SIL	20SIL
22DIL	U	DIL	22DIL
24DIL	U	DIL	24DIL
24DILN	U	DIL	24DILN
24SIL	U	SIL	24SIL
28DIL	U	DIL	28DIL
28SIL	U	SIL	28SIL
32SIL	U	SIL	32SIL
40DIL	U	DIL	40DIL
4SIL	U	SIL	4SIL
64DIL	U	DIL	64DIL
6DIL	U	DIL	6DIL
6SIL	U	SIL	6SIL
8DIL	U	DIL	8DIL
8SIL	U	SIL	8SIL
9SIL	U	SIL	9SIL
DEURO	OTL	DSC	DEURO
ELINE	Q	DSC	ELINE
EURO	OTL	DSC	EURO
LDEURO	OTL	DSC	LDEURO
LEURO	OTL	DSC	LEURO
TO126	Q	DSC	TO126
TO18	Q	DSC	TO18
TO202	Q	DSC	TO126
TO220	Q	DSC	TO220
TO247	Q	DSC	TO247
TO250	Q	DSC	TO250
TO251	Q	DSC	TO251
TO254	Q	DSC	TO254
TO3	Q	DSC	TO3
TO39	Q	DSC	TO39
TO46	Q	DSC	TO18
TO5	Q	DSC	TO39
TO52	Q	DSC	TO18
TO71	Q	DSC	TO71
TO72	Q	DSC	TO72
TO78	Q	DSC	TO78
TO92	Q	DSC	TO92
TO92A	Q	DSC	TO92A
TO99	U	DSC	TO99
TOP66	Q	DSC	TOP66

## Library : Layan

The test points in this library are provided specifically to assist with the accurate definition of connection points when using Layan, the PCB parametric simulation package.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
0	TP	0	LAYAN	MISC	0	LAYAN
1	TP	1	LAYAN	MISC	1	LAYAN
2	TP	2	LAYAN	MISC	2	LAYAN

## Library : Pulsar

This library contains schematic only parts which correspond to the devices available in the Pulsar primitives library. It is ideal when modelling the feasibility of an idea before full design implementation.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
12NANDTR	U	12NANDTR	GATES			
13NAND	U	13NAND	GATES			
2AND	U		GATES			
2ANDOC	U	2AND	GATES			
2NAND	U	2NAND	GATES			
2NANDOC	U	2NAND	GATES			
2NOR	U	2NOR	GATES			
2NOROC	U	2NOR	GATES			
2OR	U	2OR	GATES			
2X2AOI	U	2X2AOI	GATES			
2XNOR	U	2XNOR	GATES			
2XOR	U	2XOR	GATES			
3AND	U	3AND	GATES			
3ANDOC	U	3AND	GATES			
3NAND	U	3NAND	GATES			
3NANDOC	U	3NAND	GATES			
3NOR	U	3NOR	GATES			
3OR	U	3OR	GATES			
4AND	U	4AND	GATES			
4NAND	U	4NAND	GATES			
4NANDOC	U	4NAND	GATES			
4NOR	U	4NOR	GATES			
4OR	U	4OR	GATES			
4X2AOI	U	4X2AOI	GATES			
5NAND	U	5NAND	GATES			
8NAND	U	8NAND	GATES			
ANDDELAY	U	ANDDELAY	GATES			
BUFFER	U	BUFFER	GATES			
BUFNTRI	U	BUFNTRI	GATES			
BUFOC	U	BUFFER	GATES			
BUFTRI	U	BUFTRI	GATES			
DTYPE	U	DTYPE	GATES			
GLATCH	U	GLATCH	GATES			
INVERTER	U	INVERTER	GATES			
INVNTRI	U	INVNTRI	GATES			
INVOC	U	INVERTER	GATES			
INVTRI	U	INVTRI	GATES			
JK	U	JK	GATES			
MONO	U	MONO	GATES			
NJK	U	NJK	GATES			
NMONO	U	NMONO	GATES			
ORDELAY	U	ORDELAY	GATES			
POWER	CONN	POWER	GATES			
RESISTOR	R	R	DISCRETE	SM DSC	0805 DISC04	SM DISCRETE
RMONO	U	MONO	GATES			
SRLATCH	U	SRLATCH	GATES			

## Library : Qbsm

This library contains a selection of quad pack devices with pin 1 centre top.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
CJ68B	U			SOL	CJ68B	QBSM
CJ84B	U			SOL	CJ84B	QBSM
JA28B	U			SOL	JA28B	QBSM
JA44B	U			SOL	JA44B	QBSM
JA52B	U			SOL	JA52B	QBSM
JA68B	U			SOL	JA68B	QBSM
JC100B	U			SOL	JC100B	QBSM
JC124B	U			SOL	JC124B	QBSM
JC28B	U			SOL	JC28B	QBSM
JC44B	U			SOL	JC44B	QBSM
JC52B	U			SOL	JC52B	QBSM
JC68B	U			SOL	JC68B	QBSM
JC84B	U			SOL	JC84B	QBSM
JJ100B	U			SOL	JJ100B	QBSM
JJ124B	U			SOL	JJ124B	QBSM
JJ20B	U			SOL	JJ20B	QBSM
JJ28B	U			SOL	JJ28B	QBSM
JJ44B	U			SOL	JJ44B	QBSM
JJ52B	U			SOL	JJ52B	QBSM
JJ68B	U			SOL	JJ68B	QBSM
JJ84B	U			SOL	JJ84B	QBSM
JJR18B	U			SOL	JJR18B	QBSM
JJR18LB	U			SOL	JJR18LB	QBSM
JJR22B	U			SOL	JJR22B	QBSM
JJR28B	U			SOL	JJR28B	QBSM
JJR32B	U			SOL	JJR32B	QBSM
LCC100B	U			SOL	LCC100B	QBSM
LCC124B	U			SOL	LCC124B	QBSM
LCC16B	U			SOL	LCC16B	QBSM
LCC20B	U			SOL	LCC20B	QBSM
LCC24B	U			SOL	LCC24B	QBSM
LCC28B	U			SOL	LCC28B	QBSM
LCC44B	U			SOL	LCC44B	QBSM
LCC52B	U			SOL	LCC52B	QBSM
LCC68B	U			SOL	LCC68B	QBSM
LCC84B	U			SOL	LCC84B	QBSM
MPLC100B	U			SOL	MPLC100B	QBSM
MPLCC84B	U			SOL	MPLCC84B	QBSM
QFP100B	U			SOL	QFP100B	QBSM
QFP44B	U			SOL	QFP44B	QBSM
QFP48B	U			SOL	QFP48B	QBSM
QFP52B	U			SOL	QFP52B	QBSM
QFP54B	U			SOL	QFP54B	QBSM
QFP64B	U			SOL	QFP64B	QBSM
QFP70B	U			SOL	QFP70B	QBSM
QFP80B	U			SOL	QFP80B	QBSM

## Library : Qcsm

This library contains a selection of quad pack devices with pin 1 centre side.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
CJJ68C	U			LCC	CJJ68C	QCSM
CJJ84C	U			LCC	CJJ84C	QCSM
JA28C	U			LCC	JA28C	QCSM
JA44C	U			LCC	JA44C	QCSM
JA52C	U			LCC	JA52C	QCSM
JA68C	U			LCC	JA68C	QCSM
JC100C	U			LCC	JC100C	QCSM
JC124C	U			LCC	JC124C	QCSM
JC28C	U			LCC	JC28C	QCSM
JC44C	U			LCC	JC44C	QCSM
JC52C	U			LCC	JC52C	QCSM
JC68C	U			LCC	JC68C	QCSM
JC84C	U			LCC	JC84C	QCSM
JJ100C	U			LCC	JJ100C	QCSM
JJ124C	U			LCC	JJ124C	QCSM
JJ20C	U			LCC	JJ20C	QCSM
JJ28C	U			LCC	JJ28C	QCSM
JJ44C	U			LCC	JJ44C	QCSM
JJ52C	U			LCC	JJ52C	QCSM
JJ68C	U			LCC	JJ68C	QCSM
JJ84C	U			LCC	JJ84C	QCSM
JJR18C	U			LCC	JJR18C	QCSM
JJR18LC	U			LCC	JJR18LC	QCSM
JJR22C	U			LCC	JJR22C	QCSM
JJR28C	U			LCC	JJR28C	QCSM
JJR32C	U			LCC	JJR32C	QCSM
LCC100C	U			LCC	LCC100C	QCSM
LCC124C	U			LCC	LCC124C	QCSM
LCC16C	U			LCC	LCC16C	QCSM
LCC20C	U			LCC	LCC20C	QCSM
LCC24C	U			LCC	LCC24C	QCSM
LCC28C	U			LCC	LCC28C	QCSM
LCC44C	U			LCC	LCC44C	QCSM
LCC52C	U			LCC	LCC52C	QCSM
LCC68C	U			LCC	LCC68C	QCSM
LCC84C	U			LCC	LCC84C	QCSM
MPLC100C	U			LCC	MPLC100C	QCSM
MPLCC84C	U			LCC	MPLCC84C	QCSM
QFP100C	U			QFP	QFP100C	QCSM
QFP44C	U			QFP	QFP44C	QCSM
QFP48C	U			QFP	QFP48C	QCSM
QFP52C	U			QFP	QFP52C	QCSM
QFP54C	U			DIL	QFP54C	QCSM
QFP64C	U			DIL	QFP64C	QCSM
QFP70C	U			DIL	QFP70C	QCSM
QFP80C	U			DIL	QFP80C	QCSM

## Library : Qsm

This library contains a selection of quad pack devices with pin 1 on the corner.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
CJJ68	U			LCC	CJJ68	QSM
CJJ84	U			LCC	CJJ84	QSM
JA28	U			LCC	JA28	QSM
JA44	U			LCC	JA44	QSM
Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
JA52	U			LCC	JA52	QSM
JA68	U			LCC	JA68	QSM
JC100	U			LCC	JC100	QSM
JC124	U			LCC	JC124	QSM
JC28	U			LCC	JC28	QSM
JC44	U			LCC	JC44	QSM
JC52	U			LCC	JC52	QSM
JC68	U			LCC	JC68	QSM
JC84	U			LCC	JC84	QSM
JJ100	U			LCC	JJ100	QSM
JJ124	U			LCC	JJ124	QSM
JJ20	U			LCC	JJ20	QSM
JJ28	U			LCC	JJ28	QSM
JJ44	U			LCC	JJ44	QSM
JJ52	U			LCC	JJ52	QSM
JJ68	U			LCC	JJ68	QSM
JJ84	U			LCC	JJ84	QSM
JJR18	U			LCC	JJR18	QSM
JJR18L	U			LCC	JJR18L	QSM
JJR22	U			LCC	JJR22	QSM
JJR28	U			LCC	JJR28	QSM
JJR32	U			LCC	JJR32	QSM
LCC100	U			LCC	LCC100	QSM
LCC124	U			LCC	LCC124	QSM
LCC16	U			LCC	LCC16	QSM
LCC20	U			LCC	LCC20	QSM
LCC24	U			LCC	LCC24	QSM
LCC28	U			LCC	LCC28	QSM
LCC44	U			LCC	LCC44	QSM
LCC52	U			LCC	LCC52	QSM
LCC68	U			LCC	LCC68	QSM
LCC84	U			LCC	LCC84	QSM
MPLCC100	U			LCC	MPLCC100	QSM
MPLCC84	U			LCC	MPLCC84	QSM
QFP100	U			QFP	QFP100	QSM
QFP44	U			QFP	QFP44	QSM
QFP48	U			QFP	QFP48	QSM
QFP52	U			QFP	QFP52	QSM
QFP54	U			QFP	QFP54	QSM
QFP64	U			QFP	QFP64	QSM
QFP70	U			QFP	QFP70	QSM
QFP80	U			QFP	QFP80	QSM

## Library : Schema

This library contains Components which can only be used in the Schematic design editor. They should only be used where translation to PCB is not required.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
?	D	D	DISCRETE			
?ND	TP	0V	DISCRETE			
+12V	TP	+V	DISCRETE			
+15V	TP	+V	DISCRETE			
+24V	TP	+V	DISCRETE			
+5V	TP	+V	DISCRETE			
0V	TP	0V	DISCRETE			
-12V	TP	-V	DISCRETE			
-15V	TP	-V	DISCRETE			
-24V	TP	-V	DISCRETE			
-5V	TP	-V	DISCRETE			
A1	OTL	A1	DISCRETE			
A2	OTL	A2	DISCRETE			
A3	OTL	A3	DISCRETE			
CP	C	CP	DISCRETE			
EARTH	TP	EARTH	DISCRETE			
FROM	SK	FROM	DISCRETE			
LED	LED	LED	DISCRETE			
NFET	Q	NFET	DISCRETE			
NMOS	Q	NMOS	DISCRETE			
NPN	Q	NPN	DISCRETE			
PFET	Q	PFET	DISCRETE			
PMOS	Q	PMOS	DISCRETE			
PNP	Q	PNP	DISCRETE			
SCR	D	SCR	DISCRETE			
TO	PL	TO	DISCRETE			
TRIAC	D	TRIAC	DISCRETE			
ZD	ZD	ZD	DISCRETE			

## Library : Sm

This library contains a selection of surface mount discrete components.

Component	Ref	SCM Sym	SCM Lib	Package	PCB Sym	PCB Lib
0805	R			SM	0805	SM
1206	R			SM	1206	SM
1210	R			SM	1210	SM
C0805	C			SM	C0805	SM
C1206	C			SM	C1206	SM
C1210	C			SM	C1210	SM
C1812	C			SM	C1812	SM
C1825	C			SM	C1825	SM
C3216	C			SM	C3216	SM
C3518	C			SM	C3518	SM
C3527	C			SM	C3527	SM
C3528	C			SM	C3528	SM
C6032	C			SM	C6032	SM
C7227	C			SM	C7227	SM
C7243	C			SM	C7243	SM
C7257	C			SM	C7257	SM
L-A	L			SM	L-A	SM
L-B	L			SM	L-B	SM
MELF	R			SM	MELF	SM
MELFC	C			SM	MELFC	SM
MELFD	D			SM	MELFD	SM
MELFL	L			SM	MELFL	SM
MLL34	R			SM	MLL34	SM
MLL34C	C			SM	MLL34C	SM
MLL34D	D			SM	MLL34D	SM



MLL34L	L	SM	MLL34L	SM
MLL4I	R	SM	MLL4I	SM
MLL4IC	C	SM	MLL4IC	SM
MLL4ID	D	SM	MLL4ID	SM
MLL4IL	L	SM	MLL4IL	SM
SOD80	R	SM	SOD80	SM
SOD80C	C	SM	SOD80C	SM
SOD80D	D	SM	SOD80D	SM
SOD80L	L	SM	SOD80L	SM
SOT143	Q	SM	SOT143	SM
SOT23	Q	SM	SOT23	SM
SOT23D	D	SM	SOT23D	SM
SOT89	Q	SM	SOT89	SM
SOT89D	D	SM	SOT89D	SM

## PCB library symbols (\*.psl)

### Library : Csm

#### Symbol

32AP	32APR	32AS	32ASR	
64ABP	64ABPR	64ABS	64ABSR	64ACP
64ACPR	64ACS	64ACSR	96P	96PR
96S	96SR	CC100	CC100C	CC44
CC44C	CC52	CC52C	CC68	CC68C
CC84	CC84C	DIP14	DIP16	DIP18
DIP20	DIP22	DIP224	DIP24	DIP244
DIP246	DIP286	DIP32	DIP40	DIP48
DIP489	DIP6	DIP64	DIP8	IDC10H
IDC10V	IDC14H	IDC14V	IDC16H	IDC16V
IDC20H	IDC20V	IDC26H	IDC26V	IDC30H
IDC30V	IDC34H	IDC34V	IDC40H	IDC40V
IDC50H	IDC50V	IDC60H	IDC60V	LOK
MOD4-10	MOD4-12	MOD4-14	MOD4-16	MOD4-20
MOD4-24	MOD4-26	MOD4-30	MOD4-32	MOD4-34
MOD4-40	MOD4-48	MOD4-50	MOD4-56	MOD4-6
MOD4-60	MOD4-64	MOD4-8	SDL	SHUNT10
SHUNT5	SHUNT6	SHUNT7	SHUNT8	SHUNT9
SW10	SW12	SW16	SW18	SW20
SW24	SW6	SW8		

### Library : Demolib

#### Symbol

0805				
14DIL	16DIL	24DIL	8DIL	
C0805	DISC03	DISC04	DISC04L	L-A
L0805				
SO14	SO16	SO8	SOL24	SOT23
T	TO18	TO92	TO92A	TSM

### Library : Discrete

#### Symbol

1	2	26	3	4	5
6464F	6464M	6496F	6496M	9696F	
9696M					
CAPP1V	CAPP3V	CAPP4V	CAPP5V	CAPP6V	
CT1	CT2	CT3	CT4	CT5	
CT6	CVI				
D1590F	D1590M	D15F	D15M	D2590F	
D2590M	D25F	D25M	D990F	D990M	
D9F	D9M				
DEURO	DIOD03	DIOD04	DISC03	DISC04	
DISC04A	DISC04L	DPDTHH	DPDTHV	DPDTV	
ELINE	EURO	LDEURO	LEURO		
FUSE	FUSE1	FUSE2	FUSE3	FUSE4	
HC18U	LED10DIL	LED10DLH	LED12DIL	LED14DIL	
LED14DLB	LED14DLH	LED14DLL	LED16DIL	LED18DIL	
LED18DLH	LEDT1	LEDT175			
POT1H	POT1V	POT2H	POT2V	POT3H	
POT3V	POT4H	POT4V	POT5H		
R14DIL	R16DIL	R8DIL	RSIL10	RSIL4	
SIL5	RSIL6	RSIL7	RSIL8	RSIL9	
OT103					
SOT37	SPDTHH	SPDTHV	SPDTV	T	
TO126	TO18	TO220	TO247	TO250	
TO251	TO254	TO3	TO39	TO5	

TO71	TO72	TO78	TO92	TO92A
TOP66				
ZDIOD03	ZDIOD04			

### Library : Dsm

#### Symbol

14	16	18	20	22
24	28	8		
MO003-10	MO003-14	MO004-10	MO004-14	MO004-16
MO018-18	MO018-40	MO019-24	MO019-28	MO020-36
MO020-40	MO021-16	MO021-24	MO021-36	MO022-20
MO022-42	MO023-36	MO023-50		
SO14	SO16	SO8	SOJ14	SOJ16
SOJ18	SOJ20	SOJ22	SOJ24	SOJ26
SOJ28	SOL14	SOL16	SOL18	SOL20
SOL24	SOL28			

### Library : Layan

#### Symbol

0	1	2
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### Library : lc

#### Symbol

14DIL	14SIL	16DIL	16SIL	18DIL
20DIL	20SIL	22DIL	24DIL	24DILN
24SIL	28DIL	28SIL	32SIL	40DIL
4DIL	4SIL	64DIL	6DIL	6SIL
8DIL	8SIL	9SIL		
TO220	TO3	TO3-4	TO3-8	TO8
TO99	TO99A			

### Library : Qbsm

#### Symbol

CJ68B	CJ84B	JA28B	JA44B	JA52B
JA68B	JC100B	JC124B	JC28B	JC44B
JC52B	JC68B	JC84B	JJ100B	JJ124B
JJ20B	JJ28B	JJ44B	JJ52B	JJ68B
JJ84B	JJR18B	JJR18LB	JJR22B	JJR28B
JJR32B				
LCC100B	LCC124B	LCC16B	LCC20B	LCC24B
LCC28B	LCC44B	LCC52B	LCC68B	LCC84B
MPLC100B	MPLCC84B			
QFP100B	QFP44B	QFP48B	QFP52B	QFP54B
QFP64B	QFP70B	QFP80B		

### Library : Qcsm

#### Symbol

CJ68C	CJ84C			
JA28C	JA44C	JA52C	JA68C	JC100C
JC124C	JC28C	JC44C	JC52C	JC68C
JC84C	JJ100C	JJ124C	JJ20C	JJ28C
JJ44C	JJ52C	JJ68C	JJ84C	JJR18C
JJR18LC	JJR22C	JJR28C	JJR32C	
LCC100C	LCC124C	LCC16C	LCC20C	LCC24C
LCC28C	LCC44C	LCC52C	LCC68C	LCC84C
MPLC100C	MPLCC84C			
QFP100C	QFP44C	QFP48C	QFP52C	QFP54C
QFP64C	QFP70C	QFP80C		

## Library : Qsm

### Symbol

CJJ68	CJJ84	JA28	JA44	JA52
JA68	JC100	JC124	JC28	JC44
JC52	JC68	JC84	JJ100	JJ124
JJ20	JJ28	JJ44	JJ52	JJ68
JJ84	JJR18	JJR18L	JJR22	JJR28
JJR32	LCC100	LCC124	LCC16	LCC20
LCC24	LCC28	LCC44	LCC52	LCC68
LCC84	MPLCC100	MPLCC84	QFP100	QFP44
QFP48	QFP52	QFP54	QFP64	QFP70
QFP80				

## Library : Sm

### Symbol

0805	I206	I210	C0805	CI206
CI210	CI812	CI825	C3216	C3518
C3527	C3528	C6032	C7227	C7243
C7257	L-A	L-B	MELF	MELFC
MELFD	MELFL	MLL34	MLL34C	MLL34D
MLL34L	MLL41	MLL41C	MLL41D	MLL41L
SOD80	SOD80C	SOD80D	SOD80L	SOT143
SOT143D	SOT23	SOT23D	SOT89	SOT89D
TO252				

## Schematic Library symbols (\*.ssl)

### Library : 4000

#### Symbol

128SHRGP	13IPBITP	14RPCONP	14STBINP	16LDECNP
16LDECP	16LDXM1P	16LDXM2P	18BREGP	1_8X2TXP
24BICNTP	2ANDP	2ANSWP	2NANDP	2NANDSHP
2NORP	2ORP	2XNORP	2XORP	3ANDP
3DECCNTP	3NANDP	3NORINVP	3NORP	3ORP
4007P	4051DECP	4059P	4501P	4572P
4585P	48ADDLAP	48ADDRLP	48DEMUXP	48DEXMXP
4ANDORIP	4ANDORP	4ANDP	4ANSWIP	4ANSWP
4BINDCNP	4BINDECP	4BITADDP	4BITLATP	4BITPIP
4BITREGP	4BTDTLP	4NANDP	4NORP	4ORP
4X4REGP	5DECCNTP	64SHFRGP	64SHREGP	7BITCNTP
8_1X2TXP	8BITADDP	8BITLATP	8BITLTIP	8BITLTP
8BITREGP	8DIVCNTP	8DNCNTP	8IOSHFTP	8NANDP
8NORP	8SSSTP	ADDP	ANDORINV	BCD7SEGP
BCD7SG2P	BCD7SG3P	BCD7SGP	BCDDECP	BUFFERP
BUFFRPSH	CONSYNCP	DECCONTP	DEMUX4P	DIVCONTP
DTYPEP	DUAL4SLP	DUALAOIP	DUALSHTP	UDCCONP
FFHEXDTP	FFQDTYP	HEXNTRIP	HEXTRIP	IEEEP
INVERTRP	INVERTSH	JKMSP	LSHIFTP	MAJGATEP
MONO	MONO2	MULTPLYP	PROGCNTP	PROGTIMP
TCBUF	TIMEBP	TRIBUFFP	TRIGENP	TRILACP
TRIMUXP	TRINORLP	TRIOCTBP	TRIOCTIP	TRIPDXMP
TRIPMUXP	UPBINDCP	VARSHFTP		

### Library : 74ls

#### Symbol

13NANDP	16ERRP	16SSREG1	16SSREG2	17IPBITP
1OF2DSEL	1OF2DSLNP	1OF2DSP	1OF4DSEL	1OF4DSLNP
1OF8DSEL	1X2	1X21X3NV	1X2_1X3A	1X2NV
1X3A	1X3ANV	2_4LDEC	2ANDP	2BLATCHP
2GLATCHP	2NANDP	2NANDPSH	2NORP	2ORP
2TO4LDEC	2X2A_2X3	2X4AOIP	2XNORP	2XORP
3ANDP	3NANDP	3NORP	3TO8LDEC	3TO8LDQ
4216LDEC	4ADDLATP	4ANDORP	4ANDORPI	4ANDP
4BITADDP	4NANDP	4NANDPSH	4REG1	4REG2
4SHREGP	5NORP	5SHREGP	8_3ENCKP	8_3ENCNP
8_3PENP	8BITADDP	8BTSHREG	8COMPP	8NANDP
8SHREG1	8SHREG2	8SHREG3	8SHREG4	8SHREG5
8TO3ENNP	9TO4ENNP	ADDP	ALUP	BCD2DEC
BCD7SEGP	BCD7SGNP	BCD7SGP	BINCNT2P	BINCNT3P
BINCNTP	BINCONTP	BITSHIP	BUFTRIP	BUFTRIPI
COMPP	COUNT1	COUNT2	COUNT3	D12CNTP
DECOUNTP	DELAYP	DTYPEP	DTYPEPI	DTYPEP2
FF1	FF2	FIFOP	HEXTRIP	INVERTRP
INVERTSH	JKP	JKP2	JKP3	JKP4
MONO1	MONO2	MULTI	OCTBUF	OCTBUF2
OCTBUF3	OCTBUF4	OCTINVP	OCTLATCH	OCTNP
OCTNPSH	OCTRANRN	OCTRANRP	OCTTRANP	OCTTRIP
OCTTRISH	OSCP	PGENP	Q1_2DSEL	Q1_2DSNT
QUADTRIP	QUADTRNP	RAM1P	REG1	REGCNTP
REGCNTPI	REGCNTP2	SETRL2P	SETRLAP	SRLATCHP
SYNCDEC	TRANSNP	TRANSP	TRIDSELP	TRIDSP2
TRIGENP	UDCNTPI	UDCNTP2	UDCNTP3	USHSTRP
VCOP	VCOP1	VCOP2	VCOP	13NANDP
VCOP3				

## Library : Demolib

### Symbol

2ANDP	2NANDP	4216LDEC	C	D12CNTP
DTYPEP	L	N	NFET	NPN
OPAMP1	R	T	UDCNTP2	

## Library : Discrete

### Symbol

+V	-V	0V	15PIN	25PIN
32P	32S	37PIN	4P	5P
64PIN	7SEGI	7SEG2	96PIN	9PIN
A	AI	A2	A3	A4
C	CP	CT	CV	CVT
D	DNFET	DNMOS	DOTMAT	DPFET
DPMOS	EARTH	FROM	FUSE	FUZE
L	LED	N	NFET	NFETD
NMOS	NPN	PFET	PMOS	PNP
PUSH-NC	PUSH-NO	R	RA	RP
RPA	RV	RVA	S	SBLOCK
SCR	SPDT	T	TIM8P	TO
TRIAC	TT	XTAL	YBLOCK	ZD
ZENER				

## Library : Gates

### Symbol

12NANDTR	13NAND	2AND	2NAND	2NANDP
2NOR	2OR	2X2AOI	2XNOR	2XOR
3AND	3NAND	3NOR	3OR	4AND
4NAND	4NOR	4OR	4X2AOI	5NAND
74154	7493	8NAND	ANDDELAY	BUFFER
BUFNTRI	BUFTRI	DTYPE	GLATCH	INVERTER
INVNTRI	INVTRI	JK	MONO	NJK
NMONO	ORDELAY	POWER	SRLATCH	

## Library : Ic

### Symbol

CHOPAMP1	MUXAMP1	MUXAMP2	OPAMP1	OPAMP2
OPAMP3	OPAMP4	OPAMP5	OPAMP6	TIM8P
VIDAMP1	VREG	VREG1		

## Library : Layan

### Symbol

0	1	2
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## Library : Odd

### Symbol

GLATCH	NOT
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## Library : Plug

### Symbol

10P	11P	12P	13P	14P
15P	15P2	16P	17P	18P
19P	1P	20P	21P	22P
24P	25P	25P2	26P	28P
2P	30P	32P	34P	36P
37P	37P2	3P	40P	43P
44P	45P	48P	4P	50P
50P3	56P	5P	60P	64P

68P	6P	72P	7P	8P
90P	91P	96P	9P	9P2

### Library : Skt

#### Symbol

10S	11S	12S	13S	14S
15S	15S2	16S	17S	18S
19S	1S	20S	21S	22S
24S	25S	25S2	26S	28S
2S	30S	32S	34S	36S
37S	37S2	3S	40S	43S
44S	45S	48S	4S	50S
50S3	56S	5S	60S	64S
68S	6S	72S	7S	8S
90S	91S	96S	9S	9S2

### Library : Switch

#### Symbol

SW_IX11	SW_IX12	SW_IX2	SW_IX24	SW_IX3
SW_IX4	SW_IX5	SW_IX6	SW_IX7	