

ARM Ltd

IP name	IP partner	IP type	Technology	IP description
TS25CA001	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN65LP	1.2V/2.5V, High Speed Single-Port SRAM Compiler
TS25CB001	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN66LP	1.2V/2.5V, High Density Dual-Port SRAM Compiler
TS25LB012	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC8 Ultra High Density Standard Cell Library Rvt
TS25LP019	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Power Management Kit HVT
TS25LP020	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Power Management Kit LVT-HVT
TS25LP013	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC12 High Performance Standard Cell Power Management Kit HVT
TS25LP017	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Power Management Kit LVT-HVT
TS25LB024	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Library HVT
TS25LP012	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC12 High Performance Standard Cell Power Management Kit RVT-HVT
TS24LP002	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC12 High Performance Std Cell Power Mgmt Kit
TS24LB000	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC8 Ultra High Density Std Cell Library Rvt
TS24LB001	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC8 Ultra High Density Std Cell Library Hvt
TS25MH000	ARM Ltd	Hard/ Memory/ Register File	CLN65LP	1.0V, Fast Cache Instances for ARM Cores
TS24LB003	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC12 High Performance Std Cell Library Hvt
TS25LP014	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC12 High Performance Standard Cell Power Management Kit LVT-HVT
TS27LE000	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9 High Density Std Cell ECO Kit Rvt
TS30CD000-tsmc-cln40gl-rf_sp_hsd_rvt_rvt_hvt	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.8V/0.9V/1.0V, High Speed 1-Port Register File Compiler Rvt-Hvt-Rvt (CLN40GL)
TS25LB016-tsmc65lp-hvt_sc-adv12-v21	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library
TS25LB013-tsmc65lp-lvt_sc-adv12-v21	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library
TS24LB501-tsmc65gp-hvt_sc-adv10-v21	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Library Hvt
TS08LB500-TSMC-CL016HV-SAGE-X	ARM Ltd	Hard/ Standard Cell	CV016LS	1.8V, Sage-X SC library 0.18um High Voltage Shrunk process
TS80LB018	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c20 TS80LB018
TS80LB021	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library ULVt c18 TS80LB021

TS80LH016	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK LVt c16 TS80LH016
TS80LH019	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK LVt c24 TS80LH019
TS80LH022	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK ULVt c20 TS80LH022
TS80LH023	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK ULVt c24 TS80LH023
TS25LB014- tsmc65lp- rvt_sc-adv12- v21	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library
TS25LP010- tsmc65lp- rvt_sc-adv12- pmk	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell PMK
TS25LE002- tsmc65lp- rvt_sc-adv12- eco	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell ECO Kit
TS25LB015	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC8 Ultra High Density Standard Cell Library HVt
TS25LB011	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC8 Ultra High Density Standard Cell Library LVt
TS25LE001	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC8 Ultra High Density Standard Cell ECO Kit
TS25LP009	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC8 Ultra High Density Standard Cell PMK
TS01LB500- tsmc18cis_sc-x	ARM Ltd	Hard/ Standard Cell	CI018LG	Sage-X Std. Cell, 1.8V/3.3V, CMOS Image Sensor
TS24LB502- tsmc65gp- lvt_sc-adv10- v21	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Library LVt
TS19LB503- tsmc090g-od- hvt_sc-x3	ARM Ltd	Hard/ Standard Cell	CLN90G	1.2V, Sage-X3 Std. Cell, high Vt, overdrive
TS12LB501- tsmc13g_sc- metro-v10	ARM Ltd	Hard/ Standard Cell	CL013G	1.2V, SC7 Ultra High Density SVt Library
TS24LP501- tsmc65gp- hvt_sc-adv10- pmk-v10	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Power Mgmt Kit HVt
TS24LP502- tsmc65gp- lvt_sc-adv10- pmk-v21	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Power Mgmt Kit LVt
TS12CD501- tsmc13g_1v_rf -sp-v20	ARM Ltd	Hard/ Memory/ Register File	CL013G	1.0V, High Density/Speed Single Port Register File (1 volt)
TS46LP008	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC8 CLN55lp PMK LVT-HVT
TS46LB008	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC8 CLN55lp BASE LVT
TS46LP001	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp PMK HVT
TS46LE001	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9_CLN55lp_ECO_RVT
TS46LP002	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp PMK LVT-HVT
TS28LS012	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 HDLPK ULVt
TS28LS008	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 HDLPK HVt

TS28LS018	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C40 HDLPK ULVt
TS28LS019	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C50 HDLPK ULVt
TS80LE001	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP ECO Kit LVt c20 TS80LE001
TS80LR003	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP RKLO ULVt-SVt c20-c24 TS80LR003
TS77LB005	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library eLVt
TS77LB006	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Standard Cell Library eLVt
TS77LS006	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 Supplemental Cell Kit eLVt
TS77LH005	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 High Performance Kit eLVt
TS77LS003	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit eLVt
TS80LB014	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c20 TS80LB014
TS80LB022	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library ULVt c20 TS80LB022
TS80LH015	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK SVt c24 TS80LH015
TS80LH018	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK LVt c20 TS80LH018
TS80LH013	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK SVt c18 TS80LH013
TS77LB002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library SVt
TS77LB003	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library eHVt
TS77LE000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 ECO Kit SVt
TS80LP008	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK LVt c18 TS80LP008
TS80LP009	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK LVt c24 TS80LP009
TS80LB012	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c16 TS80LB012
TS80LP006	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK SVt c18 TS80LP006
TS80LP007	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK SVt c24 TS80LP007
TS80LB016	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c16 TS80LB016
TS80LB020	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library ULVt c16 TS80LB020
TS80LH017	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK LVt c18 TS80LH017

TS80LH021	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK ULVt c18 TS80LH021
TS80LP010	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK ULVt c18 TS80LP010
TS80LH012	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK SVt c16 TS80LH012
TS80LP011	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK ULVt c24 TS80LP011
TS80LB013	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c18 TS80LB013
TS80LB017	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c18 TS80LB017
TS80LB019	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c24 TS80LB019
TS80LB023	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library ULVt c24 TS80LB023
TS80LH014	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK SVt c20 TS80LH014
TS80LH020	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK ULVt c16 TS80LH020
TS80LR002	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP RKLO LVt-SVt c20-c24 TS80LR002
TS71MA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/0.9V,TSMC CLN28HT HD ULL SP SRAM Mvt
TS71LB039	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library ULVt
TS71LH042	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 HPK ULVt
TS77LP000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Power Management Kit Mvt
TS77LH006	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 High Performance Kit LVt
TS71LH036	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 HPK ULVt
TS71LB034	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 Library ULVt
TS71LH009	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 HPK UHVt
TS71LH010	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK eHVt
TS71LH044	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 HPK UHVt
TS71LB019	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 Library UHVt
TS71LB040	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library UHVt
TS71LH021	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK eHVt
TS71LP027	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 PMK UHVt
TS71LH040	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 HPK ULVt
TS71LP029	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 PMK UHVt
TS71LB020	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library eHVt
TS71LB038	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 Library ULVt
TS71LB031	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 Library UHVt
TS71LB042	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 Library ULVt
TS71LB036	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 Library UHVt
TS71LH032	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 HPK ULVt
TS71LP006	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 PMK eHVt
TS71LB037	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 Library ULVt
TS71LH039	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK UHVt
TS71LP007	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 PMK LVt

TS71LB041	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 Library ULVt
TS71LH034	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK ULVt
TS71LP013	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 PMK eHVt
TS71LP028	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 PMK UHVt
TS71LB033	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 Library ULVt
TS71LH035	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK UHVt
TS71LR000	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30-c35 RKLO LVt-SVt
TS71LB043	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 Library ULVt
TS71LH043	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 HPK UHVt
TS71LH037	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 HPK ULVt
TS71LH038	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK ULVt
TS71LP010	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 PMK SVt
TS77LB005	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library eLVt
TS77LH002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit eHVt
TS80LB018	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c20 TS80LB018
TS77LB002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library SVt
TS77LE000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 ECO Kit SVt
TS77LB003	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library eHVt
TS77LP001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Power Management Kit eHVt
TS77LS000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit SVt
TS77LB006	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Standard Cell Library eLVt
TS77LH003	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit SVt
TS80LB019	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c24 TS80LB019
TS77LB000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library LVt
TS77LH004	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 High Performance Kit SVt
TS77LS001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit LVt
TS77LS004	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Supplemental Cell Kit SVt
TS80LB017	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library LVt c18 TS80LB017
TS77LS005	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Supplemental Cell Kit LVt
TS77LS002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit eHVt
TS80LB013	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c18 TS80LB013
TS77LP002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40-C50 Power Management Kit SVt
TS77LS005	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 Supplemental Cell Kit LVt
TS77LH004	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 High Performance Kit SVt
TS77LH006	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 High Performance Kit LVt

TS77LH003	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit SVt
TS77LS002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit eHvt
TS77LB000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C50 Standard Cell Library LVt
TS77LS004	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40 Supplemental Cell Kit SVt
TS77LS001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit LVt
TS77LS000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Supplemental Cell Kit SVt
TS77LH001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit eLVt
TS77LP001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Power Management Kit eHvt
TS49MA002	ARM Ltd	Hard/ Memory/ SRAM Compiler	CM018MG	1.8V,High Density Single-Port SRAM Instances
TS77LP000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 Power Management Kit MVt
TS77LH000	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit LVt
TS77LH002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C50 High Performance Kit eHvt
TS77LP002	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.9V/1.0V/1.1V,SC7MC C40-C50 Power Management Kit SVt
TS80LB021	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library ULVt c18 TS80LB021
TS80LP010	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP PMK ULVt c18 TS80LP010
TS80LH014	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK SVt c20 TS80LH014
TS80LB015	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c24 TS80LB015
TS80LE001	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP ECO Kit LVt c20 TS80LE001
TS80LH021	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP HPK ULVt c18 TS80LH021
TS80LB014	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC9CP Base Library SVt c20 TS80LB014
TS28IG001	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CLN40LP	1.8V/3.3V,TSMC CLN40LP GPIO 1.8V - 3.3V Multi-Row FS TS28IG001
TS46LB000	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp BASE RVT
TS46LB004	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9 CLN55lp BASE HVT
TS46LB005	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9 CLN55lp BASE LVT
TS46LP007	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC8_CLN55lp_PMK_HVT
TS27LH001	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf HPK Library LVt
TS46LE000	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp ECO RVT
TS46LP005	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9 CLN55lp PMK LVT-HVT
TS46LP004	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9_CLN55lp_PMK_HVT
TS27LH000	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf HPK Library RVT

TS46LB001	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp base hvt
TS46LB003	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9 CLN55lp BASE RVT
TS46LB007	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC8 CLN55lp BASE HVT
TS64LB000	ARM Ltd	Hard/ Standard Cell	CE018FF	1.8V,TSMC 0.18um CMOS EMBEDDED MEMORY FLASH MIXED SIGNAL BASED GENERAL PURPOSE
TS71CF002	ARM Ltd	Hard/ Memory/ ROM	CLN28HT	0.9V/1.8V,HD 1e Via Prog ROM MVt
TS71LB021	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 Library LVt
TS71LP025	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 PMK LVt
TS71LP000	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 PMK LVt
TS71CD004	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HD 1e SP RF MVt
TS71CE002	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HD 1e 2P RF MVt
TS71CD005	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HS 1e SP RF MVt
TS71CA003	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,HD 1e SP SRAM MVt
TS71LH016	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK SVt
TS71LH000	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 HPK LVt
TS71LH015	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 HPK SVt
TS25LE005	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell ECO Kit RVT
TS71LB002	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 Library LVt
TS71LR003	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30-c35 RKLO SVt
TS71LH023	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 HPK LVt
TS71LB018	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library HVt
TS71LP021	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 PMK LVt
TS71LP005	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 PMK HVt
TS71LP003	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 PMK SVt
TS71LH028	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 HPK HVt
TS71LH026	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 HPK SVt
TS80LB011	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c24 TS80LB011
TS80LB007	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c24 TS80LB007
TS71LR002	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30-c35 RKLO LVt-SVt
TS71LP001	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 PMK SVt
TS71LH001	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 HPK LVt
TS71LH013	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK LVt
TS71LR005	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30-c35 RKLO SVt
TS71LP004	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 PMK HVt
TS71LP008	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 PMK SVt
TS71LB017	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 Library HVt
TS71LH002	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK LVt
TS71LR004	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30-c35 RKLO LVt-SVt
TS71LH030	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 HPK HVt
TS71LH027	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 HPK SVt
TS80LB004	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c16 TS80LB004
TS71LP020	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 PMK eHVt
TS71LP014	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 PMK LVt
TS71LH029	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 HPK HVt
TS71LH024	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 HPK LVt

TS71LB012	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library LVt
TS49MA001	ARM Ltd	Hard/ Memory/ SRAM Compiler	CM018MG	1.8V,High Density Single-Port SRAM Instances
TS71LP023	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 PMK LVt
TS71LH018	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 HPK HVt
TS71LE001	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 ECO SVt
TS71LP002	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 PMK SVt
TS71LB032	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 Library eHVt
TS71LH022	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 HPK LVt
TS80LB010	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c20 TS80LB010
TS80LB003	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c24 TS80LB003
TS80LB000	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c16 TS80LB000
TS28LB011	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC Base ULVT C50
TS28LH004	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC HPK ULVT C40
TS28LH005	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC HPK ULVT C50
TS80LB005	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c18 TS80LB005
TS80LB001	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c18 TS80LB001
TS71LB011	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 Library LVt
TS71LH014	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 HPK SVt
TS71LP026	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 PMK LVt
TS71LB014	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 Library SVt
TS71LB013	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 Library SVt
TS71LB001	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 Library LVt
TS71LH017	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 HPK HVt
TS71LH012	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c35 HPK LVt
TS71LH011	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 HPK LVt
TS71LP022	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 PMK LVt
TS71LH019	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 HPK HVt
TS71LH025	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 HPK SVt
TS71LB016	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c30 Library HVt
TS71MH000	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.9V,CLN28HT Fast Cache Instance Cortex-A53 HP L1-L2T
TS28MH004	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.0V/1.1V/1.2V, High Speed RF Fast Cache Instances Cortex-A7 L1-L2T ULVT
TS30MH000	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.8V/0.9V/1.0V Fast Cache Instances CORTEX- A9 (CLN40GL)
TS71MH001	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.9V,CLN28HT Fast Cache Instance Cortex-A53 HP L2D SVT MVT
TS80LE000	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO ECO Kit Lvt c20 TS80LE000
TS80LB002	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c20 TS80LB002
TS71CE000	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,High Den 2 Port RF SVt-MVt

TS80LB002	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c20 TS80LB002
TS27IS000	ARM Ltd	Hard/ Specialty I/O/ LVDS	CLN40G	0.9V, LVDS 1.8V Pad Limited RVt
TS28LS009	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C40 HDLPK LVt
TS28LS006	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C40 HDLPK SVt
TS28LS007	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 HDLPK SVt
TS28LS010	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 HDLPK LVt
TS80LB009	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c18 TS80LB009
TS80LB008	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c16 TS80LB008
TS80LB006	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c20 TS80LB006
TS80LE000	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO ECO Kit Lvt c20 TS80LE000
TS80LB007	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c24 TS80LB007
TS80LB008	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c16 TS80LB008
TS80LB011	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c24 TS80LB011
TS80LB000	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c16 TS80LB000
TS80LB005	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c18 TS80LB005
TS28MH006	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.0V/1.1V/1.2V, High Speed RF Fast Cache Instances Cortex-A9 L1 ULVT
TS80LB001	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c18 TS80LB001
TS80LB004	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c16 TS80LB004
TS71MH011	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,FCI Cortex-A73 LP L2D no PG SVt
TS71MH010	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.9V/1.8V,FCI Cortex-A73 LP L1- no PG SVt
TS80LB009	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c18 TS80LB009
TS80LB003	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library SVt c24 TS80LB003
TS12CH500- tsmc13g- fsg_fuse-v10	ARM Ltd	Hard/ Memory/ Metal Fuse	CL013G	Fuse box
TS19LB500- tsmc090g- hivt_sc-x3	ARM Ltd	Hard/ Standard Cell	CLN90G	1.0V, Sage-X3 Std. Cell, high Vt
TS19CH500- tsmc90g_fuse- v10	ARM Ltd	Hard/ Memory/ Metal Fuse	CLN90G	Fuse Box
		Hard/ Memory/ ROM	CL013G	

TS12CF000-tsmc13_rom_via-v10	ARM Ltd	Hard/ Memory/ ROM	CE013FS	1.2V, VIA Programmable ROM
		Hard/ Memory/ ROM	CE013FP	
		Hard/ Memory/ ROM	CE013FM	
		Hard/ Memory/ ROM	CE013FG	
TS12LB502-tsmc13g-hvt_sc-metro-v10	ARM Ltd	Hard/ Standard Cell	CL013G	1.2V, SC7 Ultra High Density HVt Library
TS21CD000-tsmc90lp_rf-sp-adv-v40	ARM Ltd	Hard/ Memory/ Register File	CLN90LP	1.2V, 1P Register File
TS24LB500-tsmc65gp-rvt_sc-adv10-v21	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Library RVt
TS24LP500-tsmc65gp-rvt_sc-adv10-pmk-v10	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC10 High Density Std Cell Power Mgmt Kit RVt
TS06CA500-tsmc18hv_sram_sp-v10	ARM Ltd	Hard/ Memory/ SRAM Compiler	CV018MS	Single Port SRAM (Not available for BCD)
TS80LB006	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library LVt c20 TS80LB006
TS80LB010	ARM Ltd	Hard/ Standard Cell	CLN12FCLL001	0.6V/0.7V/0.8V/0.9V/1.0V,TSMC CLN12FCLL001 SC7PO Base Library ULVt c20 TS80LB010
TS00CB500-tsmc25g_sram-dp-hd-v10	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL025G	2.5V, Dual Port SRAM
		Hard/ Memory/ SRAM Compiler	CE025FN	
		Hard/ Memory/ SRAM Compiler	CE025FM	
		Hard/ Memory/ SRAM Compiler	CE025FH	
		Hard/ Memory/ SRAM Compiler	CE025FG	
		Hard/ Memory/ SRAM Compiler	CE025FD	
TS12LP501-tsmc13g_scmetropmk-v10	ARM Ltd	Hard/ Standard Cell	CL013G	1.2V, SC7 Ultra High Density PMK - SVt Library
TS12CA502-tsmc13g_1v_sram-sp-v20	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL013G	1.0V, High density Single Port SRAM
TS30CA000-tsmc_cln40gl_sram_sp_hsc_rvt_hvt_rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40G	0.8V/0.9V/1.0V High Speed Single-Port SRAM Compiler RVt-RVt-HVt (CLN40GL)
TS24CF501-tsmc-cln65gp-rom_via_hde_hvt_rvt_hvt	ARM Ltd	Hard/ Memory/ ROM	CLN65GP	1.0V, High Density Via Programmable ROM Compiler
TS27LP501-tsmc_cln40g_sc9_pmk_hvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Power Management Kit HVt
TS27LP502-tsmc_cln40g_sc9_pmk_lvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Power Management Kit RVt-LVt
TS27LP500-tsmc_cln40g_sc9_pmk_rvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Power Management Kit RVt-HVt
TS12CB501-tsmc13g_1v_sram-dp-v20	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL013G	1.0V, Dual Port SRAM (1 volt)
TS19LB003-tsmc090g_lvt_sc-adv v10	ARM Ltd	Hard/ Standard Cell	CLN90G	1.0V, Advantage Std. Cell, low Vt

TS27CB500-tsmc_cln40g_sram-dp-hd_rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40G	0.9V, High Density Dual-Port SRAM Compiler Rvt-HVt-RVt
TS27CD000-tsmc_cln40g_rf-sp-hs_rvt-rvt-hvt	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.9V, High Speed 1-Port Register File Compiler Rvt-RVt-HVt
TS27LP010	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf Std Cell Power Management Kit C50 HVt
TS27LB001	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Library HVt
TS27LP005	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Power Mgmt Kit HVt
TS27LB009	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf C50 Std Cell Library HVt
TS27LB002	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Library LVt
TS27LB010	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf C40 Std Cell Library LVt
TS27LB011	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf C50 Std Cell Library LVt
TS27LE001	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell ECO Kit Rvt
TS27LB000	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Library Rvt
TS27LB007	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf C40 Std Cell Library Rvt
TS27LB008	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf C50 Std Cell Library Rvt
TS27LE003	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Performance C40 ECO Kit Rvt
TS27LP008	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density Power Management Kit C40 Rvt-HVt
TS30CE000-tsmc-cln40g_lrf_2p_hse_rvt_hvt_rvt	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.8V/0.9V/1.0V, High Speed 2-Port Register File Compiler Rvt-HVt-RVt (CLN40GL)
TS28LB008	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 Std Cell Library HVt
TS28MH000	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.1V/1.2V, High Speed RF A5 Fast Cache Instances Rvt-LVt
TS27MH001	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.9V/1.0V Fast Cache Instances CORTEX-A9
TS27LP009	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12MC High Perf Std Cell Power Management Kit C40 Rvt-HVt
TS27LP000	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Power Mgmt Kit Rvt-HVt
TS27LP006	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC12 High Perf Std Cell Power Mgmt Kit LVt-HVt
TS28LS002	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC9MC High Density MC High Density Low Power Kit LVT C40
TS28LS004	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC12MC High Performance MC High Density Low Power Kit LVT C50
TS24LB004	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC12 High Performance Std Cell Library LVt
TS28LS000	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC9MC High Density MC High Density Low Power Kit RVT C50
TS28LS001	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC9MC High Density MC High Density Low Power Kit LVT C50

TS28LS003	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC12MC High Performance MC High Density Low Power Kit RVT C50
TS28LS005	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V SC12MC High Performance MC High Density Low Power Kit LVT C40
TS24LB002-tsmc65gp-rvt_sc-adv12-v21	ARM Ltd	Hard/ Standard Cell	CLN65GP	1.0V, SC12 High Performance Std Cell Library RVT
TS71LB000	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 Library LVT
TS28MH003	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.0V/1.1V/1.2V,High Speed RF Fast Cache Instances Cortex-A7 L1-L2T LVT
TS28MH010	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40LP	1.0V/1.1V/1.2V,FCI L2D Cortex-A7 LVT
TS46LB002	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC12 CLN55lp BASE LVT
TS71CC000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,UHD 2 2P SRAM MVt
TS71MH012	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.9V/1.8V,FCI Opt Cortex-A73 LP no PG SVt
TS28MH009	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40LP	1.0V/1.1V/1.2V, High Speed SRAM Fast Cache Instances Cortex-A7 L2D LVT
TS54CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CV025MK	High Density Single Port SRAM Compiler 2.5V 10.95um ² BitCell
TS70LB001	ARM Ltd	Hard/ Standard Cell	CV011NG	1.5V,SC7-Ultra High Density Standard Cell Library
TS25LE004	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell ECO Kit RVT
TS25LB017	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library RVT
TS25LB023	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Library RVT
TS25LB025	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Library LVT
TS25LE003	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC12 High Performance Standard Cell ECO Kit RVT
TS28LB010	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC Base ULVT C40
TS25LB020	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Library RVT
TS25LP018	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC8 Ultra High Density Standard Cell Power Management Kit RVT-HVT
TS25LB022	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Library LVT
TS25LB018	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library HVT
TS25LB019	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V, SC12 High Performance Standard Cell Library LVT
TS49MA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CV018MH	1.8V,High Density Single-Port SRAM Instances
		Hard/ Memory/ SRAM Compiler	CV018MG	
TS70LP000	ARM Ltd	Hard/ Standard Cell	CV011NG	1.5V,7T logic PMK in TSMC 0.11um HV 1.5V process
TS71CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,High Density SP SRAM SVt-MVt
TS71CF000	ARM Ltd	Hard/ Memory/ ROM	CLN28HT	0.9V/1.8V,High Den Via Prog ROM SVt-MVt
TS71CD000	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,High Density 1 Port RF SVt-MVt
TS71CC000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,UHD 2 2P SRAM MVt
TS71CD001	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,High Speed 1 Port RF SVt-MVt
TS28LB012	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC Standard Cell Library Base ULVT C40
TS28LB013	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC Standard Cell Library Base ULVT C50

TS25LP015	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Power Management Kit RVT-HVT
TS28CA001	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40LP	1.1V, High Speed Single Port SRAM Compiler
TS46LP003	ARM Ltd	Hard/ Standard Cell	CLN55LP	1.2V/2.5V,1.0V & 1.2V SC9 CLN55lp_PMK RVT-HVT
TS49MG000	ARM Ltd	Hard/ Memory/ SRAM Macro	CM018MG	1.8V,High Density Diffusion ROM Instance
		Hard/ Memory/ SRAM Macro	CV018MH	
TS28LP501-tsmc- cln40lp-sc12mc_pmk_rvt_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 12-Track 40nm High Performance MC Standard Cell Power management Kit
TS27LP007	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density Power Management Kit C50 RVT-HVT
TS27CD500-tsmc- cln40g_rf-sp-hd_rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.9V, High Density 1-Port Register File Compiler RVT-HVT-RVT
TS27LB006	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C40 Std Cell Library LVt
TS27LB012	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C50 Std Cell Library LVt
TS27IG000	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CLN40G	0.9V, General Purpose IO Library 1.8V Pad Limited RVT
TS00CF000-tsmc25g_rom-via-hs	ARM Ltd	Hard/ Memory/ ROM	CL025G	2.5V, ROM Via Programmable
		Hard/ Memory/ ROM	CE025FN	
		Hard/ Memory/ ROM	CE025FM	
		Hard/ Memory/ ROM	CE025FH	
		Hard/ Memory/ ROM	CE025FG	
		Hard/ Memory/ ROM	CE025FD	
		Hard/ Memory/ ROM	CE025FC	
TS19CA500-tsmc90g_sram-sp-adv-v40	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN90G	1.0V, Single Port SRAM with Redundancy
TS19CD500-tsmc90g_rf-sp-adv-v40	ARM Ltd	Hard/ Memory/ Register File	CLN90G	1.0V, 1P Register File with Redundancy
TS19CE500-tsmc90g_rf-2p-adv-v40	ARM Ltd	Hard/ Memory/ Register File	CLN90G	1.0V, 2P Register File with Redundancy
TS19CB500-tsmc90g_sram-dp-adv-v40	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN90G	1.0V, Dual Port SRAM with Redundancy
TS19CG500-tsmc90g_rods-d-v32	ARM Ltd	Hard/ Memory/ ROM	CLN90G	1.0V, ROM Diffusion Programmable
TS69LH005	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 HPK LVt
TS69LS009	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C40 SVt
TS69LS003	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C50 eLVt
TS69LS000	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C40 eLVt
TS69LS006	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C50 SVt
TS69LS002	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C40 SVt
TS69LS007	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C40 eLVt
TS69LH003	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 HPK SVt
TS69LB003	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC C40 Library eLVt
TS69LP007	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC8P5 High Density Thick Gate Oxide Standard cell

TS69LH013	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C50 eLVt
TS69LH008	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C40 LVt
TS69LH004	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 HPK eHVt
TS69LH012	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C50 LVt
TS69LB008	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC C40 Library LVt
TS69LP002	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC PMK C50 eHVt
TS69LS012	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C50 LVt
TS69LB017	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC8P5 High Density Thick gate Standard cell
TS69LS005	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C50 LVt
TS69LS011	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C50 eHVt
TS69LH010	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C50 SVt
TS69LB007	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC C50 Library eLVt
TS69LB013	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC C50 Library LVt
TS69CF000	ARM Ltd	Hard/ Memory/ ROM	CLN40UP	0.9V/1.1V,Ultra LP Via Prg ROM SVt-MVt
TS69LH009	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C40 SVt
TS69LS010	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C50 eLVt
TS69LS008	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C40 LVt
TS69LS004	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C50 eHVt
TS69LH011	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C50 SVt
TS69LH007	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HPK C40 eLVt
TS69LS001	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC HDLPK C40 LVt
TS69LP000	ARM Ltd	Hard/ Standard Cell	CLN40UP	1.1V/1.2V,SC9MC PMK C50 SVt-eHVt
TS69LB005	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 Library eLVt
TS69LP001	ARM Ltd	Hard/ Standard Cell	CLN40UP	1.1V/1.2V,SC9MC Power Management Kit C50 eHVT
TS12CG501-tsmc13g_1v_r odshd-v10	ARM Ltd	Hard/ Memory/ ROM	CL013G	1.0V, Diffusion Programmable ROM (1 volt)
TS69IG001	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CLN40UP	1.8V/3.3V,TSMC 40ULP GPIO 1.8V-3.3V LL Core clamps TS69IG001
TS21CA000-tsmc90lp_sram-sp-adv-v40	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN90LP	1.2V, Single Port SRAM with Redundancy
TS24CE501-tsmc-cln65gp-rf_2p_hde_svt_rvt_hvt	ARM Ltd	Hard/ Memory/ Register File	CLN65GP	1.0V, High Density 2-Port Register File Compiler
TS24CD501-tsmc-cln65gp-rf_sp_hdd_svt_rvt_hvt	ARM Ltd	Hard/ Memory/ Register File	CLN65GP	1.0V, High Density 1-Port Register File Compiler
TS24CA501-tsmc-cln65gp-sram_sp_hdc_svt_rvt_hvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN65GP	1.0V, High Density Single-Port Sram Compiler
TS28LB503-tsmc-cln40lp-sc12mc_base_lvt_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 12-Track 40nm High Performance MC Standard Cell Library

TS28LB502-tsmc-cln40lp-sc12mc_base_rvt_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 12-Track 40nm High Performance MC Standard Cell Library
TS28CB000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40LP	1.1V, High Density Dual-Port SRAM Compiler RVt
TS28LB007	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 Std Cell Library RVt
TS28LP002	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 Std Cell Power Mgmt Kit RVt-HVt
TS28LE001	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C40 Std Cell ECO Kit RVt
TS59LB000	ARM Ltd	Hard/ Standard Cell	CEN90FS	3.3V,TSMC CEN90FS SC9 High Density TGO Library RVt
TS28LB009	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC High Perf C50 Std Cell Library LVt
TS28LH003	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC C50 High Perf Kit LVt
TS28LH002	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC C50 High Perf Kit RVt
TS28LH001	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC C40 High Perf Kit LVt
TS28LH000	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC12MC C40 High Perf Kit RVt
TS50CA000	ARM Ltd	Hard/ Memory/ SRAM Macro	CEN90FT	1.2V,High Den SP SRAM uLL HVt
TS24CB500	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN65GP	1.0V, High Density Dual Port SRAM Compiler
TS71LB015	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC9MC c40 Library SVt
TS71LB024	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 Library LVt
TS71LB022	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 Library LVt
TS71LB023	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 Library LVt
TS69LB002	ARM Ltd	Hard/ Standard Cell	CLN40UP	1.1V/1.2V,SC9MC C50 Standard Cell Library SVt
TS28LS015	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C50 HDLPK HVt
TS69LB009	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC Base C50 eHVt
TS69LB011	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 Library LVt
TS69LB004	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C40 Standard Cell Library eLVt
TS69LB012	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC Base C50 SVt
TS69LB000	ARM Ltd	Hard/ Standard Cell	CLN40UP	1.1V/1.2V,SC9MC C50 Standard Cell Library eHVt
TS69LB001	ARM Ltd	Hard/ Standard Cell	CLN40UP	1.1V/1.2V,SC9MC C40 Standard Cell Library SVt
TS69LB006	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C40 Library LVt
TS69LB010	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC Base C40 SVt
TS69LP004	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC C40-C50 PMK SVt
TS50LP001	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.8V/3.3V, SC9 HD Thick Gate Oxide PMK
TS77LB001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Standard Cell Library SVt
TS28MH001	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.1V/1.2V, High Speed RF A9 Fast Cache Instances RVt-LVt
TS77LB001	ARM Ltd	Hard/ Standard Cell	CEN40FL	0.7V/0.8V/0.9V/1.0V/1.1V,SC7MC C40 Standard Cell Library SVt
TS69LP006	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC PMK C50 SVt-eHVt
TS69LP005	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC PMK C50 eHVt
TS69LE001	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC ECO C40 SVt

TS69CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40UP	0.9V/1.1V,Ultra Low Power SP SRAM SVT-MVT
TS69LH001	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C40 HPK LVt
TS69LH000	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C40 HPK eLVt
TS69LS013	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC7MC HDLPK C50 SVt
TS50CD000	ARM Ltd	Hard/ Memory/ Register File	CEN90FT	1.2V,High Den 1 Port RF uLL HVt
TS69LH006	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C50 HPK eLVt
TS69LP003	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC PMK C40-C50 SVt
TS71CA001	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,HS 2 SP SRAM MVt
TS71CD002	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HD 2 SP RF MVt
TS69LE000	ARM Ltd	Hard/ Standard Cell	CLN40UP	0.9V/1.1V,SC9MC C40 ECO SVt
TS01CA500- tsmc18cis_sram-sp-v10	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL018G	Single Port SRAM
		Hard/ Memory/ SRAM Compiler	CE018FZ	
		Hard/ Memory/ SRAM Compiler	CE018FY	
		Hard/ Memory/ SRAM Compiler	CE018FS	
		Hard/ Memory/ SRAM Compiler	CE018FP	
		Hard/ Memory/ SRAM Compiler	CE018FM	
		Hard/ Memory/ SRAM Compiler	CE018FG	
		Hard/ Memory/ SRAM Compiler	CE018FF	
		Hard/ Memory/ SRAM Compiler	CE018FE	
		Hard/ Memory/ SRAM Compiler	CE018FD	
		Hard/ Memory/ SRAM Compiler	CE018FC	
TS01CG500- tsmc18cis_rom-shd-v10	ARM Ltd	Hard/ Memory/ ROM	CL018G	ROM Diffusion Programmable
		Hard/ Memory/ ROM	CE018FZ	
		Hard/ Memory/ ROM	CE018FY	
		Hard/ Memory/ ROM	CE018FS	
		Hard/ Memory/ ROM	CE018FP	
		Hard/ Memory/ ROM	CE018FM	
		Hard/ Memory/ ROM	CE018FG	
		Hard/ Memory/ ROM	CE018FF	
		Hard/ Memory/ ROM	CE018FE	
		Hard/ Memory/ ROM	CE018FD	
		Hard/ Memory/ ROM	CE018FC	
TS71CB000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,HD 2 DP SRAM MVt
TS71CA002	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,HD 2 SP SRAM MVt
TS71CD003	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HS 2 SP RF MVt
TS71CE001	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/1.8V,HD 2 2P RF MVt
TS71CA002	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/1.8V,HD 2 SP SRAM MVt
TS69CD000	ARM Ltd	Hard/ Memory/ Register File	CLN40UP	0.9V/1.1V,Ultra Low Power 1 Port RF SVt-MVt
TS46CF000	ARM Ltd	Hard/ Memory/ ROM	CLN55LP	1.2V/2.5V,High Density Via Programmable ROM Compiler
TS19LB502- tsmc090g-od_sc-x3	ARM Ltd	Hard/ Standard Cell	CLN90G	1.2V, Sage-X3 Std. Cell, Std. Vt, overdrive
TS27CF500- tsmc_cln40g_rom-via-rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ ROM	CLN40G	0.9V, High Density Via Programmable ROM Compiler HVT-RVt
		Hard/ Memory/ SRAM Compiler	CE018FZ	
		Hard/ Memory/ SRAM Compiler	CE018FY	
		Hard/ Memory/ SRAM Compiler	CE018FS	
		Hard/ Memory/ SRAM Compiler	CE018FP	

TS32CA500- tsmc-ce018fg- sram_sp_hde- rvt_rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CE018FM	High Speed/Density Single-Port SRAM[Rename from tsmc-cl018G_ra1shd-v10-ull]
		Hard/ Memory/ SRAM Compiler	CE018FG	
		Hard/ Memory/ SRAM Compiler	CE018FF	
		Hard/ Memory/ SRAM Compiler	CE018FE	
		Hard/ Memory/ SRAM Compiler	CE018FD	
		Hard/ Memory/ SRAM Compiler	CE018FC	
		Hard/ Memory/ SRAM Compiler	CE018FB	
TS32CD500- tsmc-ce018fg- rf_sp_hde_rvt- rvt	ARM Ltd	Hard/ Memory/ Register File	CE018FZ	High Speed/Density Single-Port Register File [Rename from tsmc-CL018G_rf1shd-v11-ull]
		Hard/ Memory/ Register File	CE018FY	
		Hard/ Memory/ Register File	CE018FS	
		Hard/ Memory/ Register File	CE018FP	
		Hard/ Memory/ Register File	CE018FM	
		Hard/ Memory/ Register File	CE018FG	
		Hard/ Memory/ Register File	CE018FF	
		Hard/ Memory/ Register File	CE018FE	
		Hard/ Memory/ Register File	CE018FD	
		Hard/ Memory/ Register File	CE018FC	
		Hard/ Memory/ Register File	CE018FB	
TS02CD500- tsmc-cl018g- rf_sp_hse_rvt- rvt	ARM Ltd	Hard/ Memory/ Register File	CL018G	1P Register File [Rename from tsmc18g_rf-sp]
		Hard/ Memory/ Register File	CE018FZ	
		Hard/ Memory/ Register File	CE018FY	
		Hard/ Memory/ Register File	CE018FS	
		Hard/ Memory/ Register File	CE018FP	
		Hard/ Memory/ Register File	CE018FM	
		Hard/ Memory/ Register File	CE018FG	
		Hard/ Memory/ Register File	CE018FF	
		Hard/ Memory/ Register File	CE018FE	
		Hard/ Memory/ Register File	CE018FD	
		Hard/ Memory/ Register File	CE018FC	
		Hard/ Memory/ Register File	CE018FB	
TS02CA500- tsmc-cl018g- sram_sp_hse- rvt_rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL018G	Single Port SRAM [Rename from tsmc18g_sram-sp-hs-v10]
		Hard/ Memory/ SRAM Compiler	CE018FZ	
		Hard/ Memory/ SRAM Compiler	CE018FY	
		Hard/ Memory/ SRAM Compiler	CE018FS	
		Hard/ Memory/ SRAM Compiler	CE018FP	
		Hard/ Memory/ SRAM Compiler	CE018FM	
		Hard/ Memory/ SRAM Compiler	CE018FG	
		Hard/ Memory/ SRAM Compiler	CE018FF	
		Hard/ Memory/ SRAM Compiler	CE018FE	
		Hard/ Memory/ SRAM Compiler	CE018FD	
		Hard/ Memory/ SRAM Compiler	CE018FC	
		Hard/ Memory/ SRAM Compiler	CE018FB	
TS28LB500- tsmc-cln40lp- sc9mc_base_r- vt_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 9-Track 40nm High Density MC Standard Cell
TS28LP500- tsmc-cln40lp- sc9mc_pmk_rv- t_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 9-Track 40nm High Density MC Standard Cell Power management Kit
TS71LB004	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 Library SVt
TS27LB501- tsmc cln40g sc9_base hvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Library HVT
TS27LB502- tsmc cln40g sc9_base lvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Library LVT

TS27LB500-tsmc cln40g_sc9_base_rvt	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, High Density Standard Cell Library RVt
TS28CD000	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.1V, High Density 1-Port Register File Compiler RVt
TS28CE000	ARM Ltd	Hard/ Memory/ Register File	CLN40LP	1.1V, High Density 2-Port Register File Compiler RVt
TS28CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40LP	1.1V, High Density Single-Port SRAM Compiler RVt
TS28CF000	ARM Ltd	Hard/ Memory/ ROM	CLN40LP	1.1V, High Density Via Programmable ROM Compiler RVt
TS28LE000	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Density C40 Std Cell ECO Kit RVt
TS28LB002	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Density C50 Std Cell Library RVt
TS28LP001	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Density C50 Std Cell Power Mgmt Kit RVt-HVt
TS25CA002	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN65LP	1.2V/2.5V, High Density Single-Port SRAM Compiler
TS25CD001	ARM Ltd	Hard/ Memory/ Register File	CLN65LP	1.2V/2.5V, High Density Single-Port Register File Compiler
TS25CE001	ARM Ltd	Hard/ Memory/ Register File	CLN65LP	1.2V/2.5V, High Density Two-Port Register File Compiler
TS25CF001	ARM Ltd	Hard/ Memory/ ROM	CLN65LP	1.2V/2.5V, High Density Via Programmable ROM Compiler
TS27CA500-tsmc_cln40g_sram-sp-hd_rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40G	0.9V, High Density Single-Port SRAM Compiler RVt-HVt-RVt
TS27CE500-tsmc_cln40g_rf-2p-hs_rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ Register File	CLN40G	0.9V, High Speed 2-Port Register File Compiler RVt-HVt-RVt
TS34LB000-tsmc_cv011p_sc7-base-rvt_1p50v	ARM Ltd	Hard/ Standard Cell	CV011NF	1.5V, SC7 Ultra High Density Standard cell library RVt
TS27LB005	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C50 Std Cell Library HVt
TS27LE002	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C40 Std Cell ECO Kit RVt
TS27LB003	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C40 Std Cell Library RVt
TS27LB004	ARM Ltd	Hard/ Standard Cell	CLN40G	0.9V, SC9MC High Density C50 Std Cell Library RVt
TS71CA005	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.8V/0.9V,HD ULLe SP SRAM SVt
TS28LB003	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Density C50 Std Cell Library HVt
TS28LB004	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Density C50 Std Cell Library LVt
TS79CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CV018M2	1.8V,High Density Single Port SRAM Compiler RVt
TS32LB500-tsmc18ull_sage-x	ARM Ltd	Hard/ Standard Cell	CE018FZ	Sage-X Std. Cell
		Hard/ Standard Cell	CE018FY	
		Hard/ Standard Cell	CE018FS	
		Hard/ Standard Cell	CE018FP	
		Hard/ Standard Cell	CE018FM	
		Hard/ Standard Cell	CE018FG	
		Hard/ Standard Cell	CE018FF	
		Hard/ Standard Cell	CE018FE	
		Hard/ Standard Cell	CE018FD	
		Hard/ Standard Cell	CE018FC	
Hard/ Standard Cell	CE018FB			

TS19LB001-tsmc090g_sc-adv v10	ARM Ltd	Hard/ Standard Cell	CLN90G	1.0V, Advantage Std. Cell, Std. Vt
TS71LH003	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 HPK SVt
TS71LB006	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 Library HVt
TS71LE002	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 ECO SVt
TS79CG000	ARM Ltd	Hard/ Memory/ ROM	CV018M2	1.8V,HD Diffusion Prog ROM RVt
TS50LB001	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.8V/3.3V, SC9 HD Thick Gate Oxide Base Library
TS71LB027	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 Library SVt
TS71LH008	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK HVt
TS71LH007	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 HPK HVt
TS71LB007	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 Library HVt
TS71LB005	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 Library SVt
TS71LP015	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 PMK SVt
TS71LB025	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 Library SVt
TS56LB000	ARM Ltd	Hard/ Standard Cell	CV013NI	1.5V, tsmc CV013NH/CV013NI SC7 Ultra High Density Library SVt
		Hard/ Standard Cell	CV013NH	
TS71LH005	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 HPK SVt
TS71LB008	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c40 Library HVt
TS71LB030	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 Library HVt
TS71LB029	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 Library HVt
TS71LP017	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 PMK SVt
TS71LB026	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 Library SVt
TS71LH006	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 HPK HVt
TS71LE000	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 ECO SVt
TS71LB028	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c30 Library HVt
TS71MH009	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V,Cortex-A53 Fast Cache Instance SVt
TS71LP016	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 PMK SVt
TS71CF003	ARM Ltd	Hard/ Memory/ ROM	CLN28HT	0.8V/0.9V,HD 2e Via Prog ROM HVt
TS71LB003	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c30 Library SVt
TS71LP018	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c35 PMK HVt
TS71MH008	ARM Ltd	Hard/ Memory/ SRAM Macro	CLN28HT	0.9V,CLN28HT Cortex-A53 Fast Cache Instance SVt
TS71LH004	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC12MC c35 HPK SVt
TS77IG000	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CEN40FL	1.8V/2.5V/3.3V,Programmable Multivoltage 3.3V Failsafe and 5.0V Tolerant Dual Row I/O Library
TS71CA004	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/0.9V,HD ULL SP SRAM MVt
TS71CD006	ARM Ltd	Hard/ Memory/ Register File	CLN28HT	0.9V/0.9V,HD ULL SP RF MVt
TS27CA000-tsmc_cln40g_sram-sp-hs_rvt-hvt-rvt	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN40G	0.9V, High Speed Single-Port SRAM Compiler RVt-HVt-RVt
TS49CA000	ARM Ltd	Hard/ Memory/ SRAM Compiler	CM018MG	1.8V,High Density Single Port SRAM Compiler, RVt
		Hard/ Memory/ SRAM Compiler	CV018MH	
TS69IG000	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CLN40UP	1.8V/3.3V,TSMC CLN40UP GPIO 1.8V - 3.3V Multi-Row FS TS69IG000
TS50LB003	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.0V/1.2V, SC7 UHD Base HVT Library
TS50LP000	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.0V/1.2V, SC7 UHD PMK Library
TS50LB000	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.0V/1.2V, SC7 UHD Base Library

TS50LB002	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.0V/1.2V, SC7 UHD Base SVT Library
TS46CD000	ARM Ltd	Hard/ Memory/ Register File	CLN55LP	1.2V/2.5V, High Density Single-Port Register File Compiler
TS49LB001	ARM Ltd	Hard/ Standard Cell	CV018MH	1.8V, SC9 High Density Standard Cell Library
		Hard/ Standard Cell	CM018MG	
TS71LP019	ARM Ltd	Hard/ Standard Cell	CLN28HT	0.9V,SC7MC c40 PMK HVt
TS79LB000	ARM Ltd	Hard/ Standard Cell	CV018M2	1.8V,SC9 Library RVt
TS28LS013	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C40 HDLPK SVt
TS28LS016	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C40 HDLPK LVt
TS28LS014	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C50 HDLPK SVt
TS28LS017	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, SC9MC High Den C50 HDLPK LVt
TS77IG000	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CEN40FL	1.8V/2.5V/3.3V,Programmable Multivoltage 3.3V Failsafe and 5.0V Tolerant Dual Row I/O Library
TS49CG000	ARM Ltd	Hard/ Memory/ ROM	CM018MG	1.8V,High Density Diffusion ROM Compiler
		Hard/ Memory/ ROM	CV018MH	
TS50LP003	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.08V/1.32V/1.2V,SC7 PMK HVt/ULL
TS50LP002	ARM Ltd	Hard/ Standard Cell	CEN90FT	1.08V/1.32V/1.2V,SC7 PMK SVt/ULL and SC7 PMK HVt/ULL
TS69IG000	ARM Ltd	Hard/ Standard I/O/ESD/ Standard I/O	CLN40UP	1.8V/3.3V,TSMC CLN40UP GPIO 1.8V - 3.3V Multi-Row FS TS69IG000
TS12LB500- tsmc13g- fsg_sc-x2	ARM Ltd	Hard/ Standard Cell	CL013G	1.2V, SC9 Std. Cell, SVt Library
		Hard/ Standard Cell	CE013FS	
		Hard/ Standard Cell	CE013FP	
		Hard/ Standard Cell	CE013FM	
		Hard/ Standard Cell	CE013FG	
TS02LB500- tsmc18g_sc-x	ARM Ltd	Hard/ Standard Cell	CL018G	Sage-X Std. Cell
		Hard/ Standard Cell	CE018FZ	
		Hard/ Standard Cell	CE018FY	
		Hard/ Standard Cell	CE018FS	
		Hard/ Standard Cell	CE018FP	
		Hard/ Standard Cell	CE018FM	
		Hard/ Standard Cell	CE018FG	
		Hard/ Standard Cell	CE018FF	
		Hard/ Standard Cell	CE018FE	
		Hard/ Standard Cell	CE018FD	
		Hard/ Standard Cell	CE018FC	
		Hard/ Standard Cell	CE018FB	
TS00LB500- tsmc25g_sc-x	ARM Ltd	Hard/ Standard Cell	CL025G	2.5V, Sage-X Std. Cell
		Hard/ Standard Cell	CE025FN	
		Hard/ Standard Cell	CE025FM	
		Hard/ Standard Cell	CE025FH	
		Hard/ Standard Cell	CE025FG	
		Hard/ Standard Cell	CE025FD	
		Hard/ Standard Cell	CE025FC	
TS12CD500- tsmc13g- fsg_rf-sp-hs	ARM Ltd	Hard/ Memory/ Register File	CL013G	1.2V, High Speed Single Port Register File
		Hard/ Memory/ Register File	CE013FS	
		Hard/ Memory/ Register File	CE013FP	
		Hard/ Memory/ Register File	CE013FM	
		Hard/ Memory/ Register File	CE013FG	
		Hard/ Memory/ Register File	CL013G	

TS12CE501-tsmc13g-fsg_rf-2p-hs	ARM Ltd	Hard/ Memory/ Register File	CE013FS	1.2V, High Speed 2-Port Register File
		Hard/ Memory/ Register File	CE013FP	
		Hard/ Memory/ Register File	CE013FM	
		Hard/ Memory/ Register File	CE013FG	
TS12CG500-tsmc13g-fsg_rom-diff-hs	ARM Ltd	Hard/ Memory/ ROM	CL013G	1.2V, Diffusion Programmable ROM
		Hard/ Memory/ ROM	CE013FS	
		Hard/ Memory/ ROM	CE013FP	
		Hard/ Memory/ ROM	CE013FM	
TS02CB500-tsmc18g_sram-dp-hs	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL018G	Dual Port SRAM
		Hard/ Memory/ SRAM Compiler	CE018FZ	
		Hard/ Memory/ SRAM Compiler	CE018FY	
		Hard/ Memory/ SRAM Compiler	CE018FS	
		Hard/ Memory/ SRAM Compiler	CE018FP	
		Hard/ Memory/ SRAM Compiler	CE018FM	
		Hard/ Memory/ SRAM Compiler	CE018FG	
		Hard/ Memory/ SRAM Compiler	CE018FF	
		Hard/ Memory/ SRAM Compiler	CE018FE	
		Hard/ Memory/ SRAM Compiler	CE018FD	
		Hard/ Memory/ SRAM Compiler	CE018FC	
		Hard/ Memory/ SRAM Compiler	CE018FB	
TS02CG500-tsmc18g_rom-diff-hs	ARM Ltd	Hard/ Memory/ ROM	CL018G	ROM Diffusion Programmable
		Hard/ Memory/ ROM	CE018FZ	
		Hard/ Memory/ ROM	CE018FY	
		Hard/ Memory/ ROM	CE018FS	
		Hard/ Memory/ ROM	CE018FP	
		Hard/ Memory/ ROM	CE018FM	
		Hard/ Memory/ ROM	CE018FG	
		Hard/ Memory/ ROM	CE018FF	
		Hard/ Memory/ ROM	CE018FE	
		Hard/ Memory/ ROM	CE018FD	
		Hard/ Memory/ ROM	CE018FC	
		Hard/ Memory/ ROM	CE018FB	
TS00CG000-tsmc25g_rom-diff-hs	ARM Ltd	Hard/ Memory/ ROM	CL025G	2.5V, High Density Diffusion Programmable ROM Compiler
		Hard/ Memory/ ROM	CE025FN	
		Hard/ Memory/ ROM	CE025FM	
		Hard/ Memory/ ROM	CE025FH	
		Hard/ Memory/ ROM	CE025FG	
		Hard/ Memory/ ROM	CE025FD	
Hard/ Memory/ ROM	CE025FC			
TS25LB021	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Library HVT
TS02CE500-tsmc18g_rf-2p-hs	ARM Ltd	Hard/ Memory/ Register File	CL018G	2P Register File
		Hard/ Memory/ Register File	CE018FZ	
		Hard/ Memory/ Register File	CE018FY	
		Hard/ Memory/ Register File	CE018FS	
		Hard/ Memory/ Register File	CE018FP	
		Hard/ Memory/ Register File	CE018FM	
		Hard/ Memory/ Register File	CE018FG	
		Hard/ Memory/ Register File	CE018FF	
		Hard/ Memory/ Register File	CE018FE	
		Hard/ Memory/ Register File	CE018FD	
		Hard/ Memory/ Register File	CE018FC	
		Hard/ Memory/ Register File	CE018FB	

TS00CE500- tsmc25g_rf- 2p-hs	ARM Ltd	Hard/ Memory/ Register File	CE025FD	2.5V, 2P Register File
		Hard/ Memory/ Register File	CE025FC	
		Hard/ Memory/ Register File	CL025G	
		Hard/ Memory/ Register File	CE025FN	
		Hard/ Memory/ Register File	CE025FM	
		Hard/ Memory/ Register File	CE025FH	
		Hard/ Memory/ Register File	CE025FG	
TS00CA500- tsmc25g_sram -sp-hd_v10	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL025G	2.5V, Single Port SRAM
		Hard/ Memory/ SRAM Compiler	CE025FN	
		Hard/ Memory/ SRAM Compiler	CE025FM	
		Hard/ Memory/ SRAM Compiler	CE025FH	
		Hard/ Memory/ SRAM Compiler	CE025FG	
		Hard/ Memory/ SRAM Compiler	CE025FD	
		Hard/ Memory/ SRAM Compiler	CE025FC	
TS25LP016	ARM Ltd	Hard/ Standard Cell	CLN65LP	1.2V,SC9 High Density Standard Cell Power Management Kit HVT
TS71CA004	ARM Ltd	Hard/ Memory/ SRAM Compiler	CLN28HT	0.9V/0.9V,HD ULL SP SRAM MVt
TS19LB501- tsmc090g_sc- x3	ARM Ltd	Hard/ Standard Cell	CLN90G	1.0V, Sage-X3 Std. Cell, Std. Vt
TS02CA000- tsmc18g_sram -sp-hs-v10	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL018G	Single Port SRAM
		Hard/ Memory/ SRAM Compiler	CE018FZ	
		Hard/ Memory/ SRAM Compiler	CE018FY	
		Hard/ Memory/ SRAM Compiler	CE018FS	
		Hard/ Memory/ SRAM Compiler	CE018FP	
		Hard/ Memory/ SRAM Compiler	CE018FM	
		Hard/ Memory/ SRAM Compiler	CE018FG	
		Hard/ Memory/ SRAM Compiler	CE018FF	
		Hard/ Memory/ SRAM Compiler	CE018FE	
		Hard/ Memory/ SRAM Compiler	CE018FD	
		Hard/ Memory/ SRAM Compiler	CE018FC	
		Hard/ Memory/ SRAM Compiler	CE018FB	
TS12CA501- tsmc13g- fsg_sram-sp- hs-hc-v21	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL013G	1.2V, High Speed Single Port SRAM HC type with Redundancy
TS70LB000	ARM Ltd	Hard/ Standard Cell	CV011NG	1.5V,7T logic in TSMC 0.11um HV 1.5V process
TS71CF001	ARM Ltd	Hard/ Memory/ ROM	CLN28HT	0.9V/1.8V,HD 2 Via Prog ROM MVt
TS28LB501- tsmc-cln40lp- sc9mc_base_lv t_c40	ARM Ltd	Hard/ Standard Cell	CLN40LP	1.1V/1.2V, 9-Track 40nm High Density MC Standard Cell
TS12CB500- tsmc13g- fsg_sram-dp- hs-v20	ARM Ltd	Hard/ Memory/ SRAM Compiler	CL013G	1.2V, High Speed Dual Port SRAM
TS02CF000- tsmc- cl018g_rom- via-v10	ARM Ltd	Hard/ Memory/ ROM	CL018G	ROM VIA Programmable
		Hard/ Memory/ ROM	CE018FZ	
		Hard/ Memory/ ROM	CE018FY	
		Hard/ Memory/ ROM	CE018FS	
		Hard/ Memory/ ROM	CE018FP	
		Hard/ Memory/ ROM	CE018FM	
		Hard/ Memory/ ROM	CE018FG	
		Hard/ Memory/ ROM	CE018FF	
Hard/ Memory/ ROM	CE018FE			

		Hard/ Memory/ ROM	CE018FD	
		Hard/ Memory/ ROM	CE018FC	
		Hard/ Memory/ ROM	CE018FB	
TS03LB500- tsmc18lp_sc-x	ARM Ltd	Hard/ Standard Cell	CE018FY	Sage-X Std. Cell, low power
		Hard/ Standard Cell	CE018FS	
		Hard/ Standard Cell	CE018FP	
		Hard/ Standard Cell	CE018FM	
		Hard/ Standard Cell	CE018FG	
		Hard/ Standard Cell	CE018FF	
		Hard/ Standard Cell	CE018FE	
		Hard/ Standard Cell	CE018FD	
		Hard/ Standard Cell	CE018FC	
		Hard/ Standard Cell	CE018FB	
		Hard/ Standard Cell	CL018LP	
		Hard/ Standard Cell	CE018FZ	