

**STANDARD MEMORY**

Ref	NV Memory Size	V <sub>cc</sub> Range	Features	Package
ST14C02C	2 Kb EEPROM	3V - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule, Wafer
M14C04-W	4 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule, Wafer
M14C16-W	16 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule, Wafer
M14C32-W	32 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule, Wafer
M14C64-W	64 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule
M14128-W	128 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule
M14256-W	256 Kb EEPROM	2.5 - 5.5V	I <sup>2</sup> C Serial Access EEPROMs	Micromodule

**MEMORY WITH SECURITY**

Ref	NV Memory Size	V <sub>cc</sub> Range	Features	Package
ST1200	256 b EPROM	4.75V - 5.25V	Low cost, gen. purpose	Micromodule, Wafer
ST1305	192 b EEPROM	4.75V - 5.25V	Low cost, transport code	Micromodule, Wafer
ST1331	272 b EEPROM	4.75V - 5.25V	Transport code, anti-tearing, protocol 6 contacts	Micromodule, Wafer
ST1336	272 b EEPROM	4.75V - 5.25V	Transport code, anti-tearing, protocol 5 contacts	Micromodule, Wafer
ST1333	272 b EEPROM	4.75V - 5.25V	Anti-tearing, authentication, Transport code, protocol 6 contacts	Micromodule, Wafer
ST1335	272 b EEPROM	4.75V - 5.25V	Anti-tearing, authentication, Transport code, protocol 5 contacts	Micromodule, Wafer

**ADVANCED GENERATION MCU**

Ref	NV Memory Size	V <sub>cc</sub> Range	Features	Package
ST16600	5 KB EEPROM, 6 KB User ROM, 128 B RAM	2.7V - 5.5V	Advanced security	Micromodule D3, Wafer
ST16601	1 KB EEPROM, 6 KB User ROM, 128 B RAM	2.7V - 5.5V	Advanced security	Micromodule D3, Wafer
ST16SF41	1344 B EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V	Advanced security	Micromodule D4, Wafer
ST16RF42	2 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V or derived from RF at 13.56 MHz	Contact/less	Inlet
ST16SF42	2 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V	Advanced security	Micromodule D4, Wafer
ST16SF44	4 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V	Advanced security	Micromodule D4, Wafer
ST16RF48	8 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V or derived from RF at 13.56 MHz	Contact/less	Inlet
ST16SF48	8 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V	Advanced security	Micromodule D4, Wafer
ST16ST2G	Up to 16 KB EEPROM, up to 16KB User ROM, 384 B RAM	2.7V - 5.5V	AntiClone Function Library by France Telecom	Micromodule D4, Wafer
ST16SF4F	16 KB EEPROM, 16 KB User ROM, 384 B RAM	2.7V - 5.5V	Advanced Security, System ROM	Micromodule D4, Wafer
ST16CF54 level B	4 KB EEPROM, 16 KB User ROM, 512 B RAM	5V +/- 10%	Crypto MAP, system ROM, Crypto Library, Advanced Security	Micromodule D4, Wafer
ST19CF68	8 KB EEPROM, 23 KB User ROM, 960 B RAM	2.7V - 5.5V	Upgraded CPU, Crypto MAP	Micromodule, Wafer
ST19KF32	32 KB EEPROM, 32 KB User ROM, 960 B RAM	2.7V - 5.5V	Upgraded CPU, New Crypto MAP	Micromodule, Wafer
ST19SF64	64 KB EEPROM, 32 KB User ROM, 960 B RAM	2.7V - 5.5V	Upgraded CPU	Micromodule, Wafer

**DEVELOPMENT TOOLS**

Ref	NV Memory Size	Features
ST16-19HDS	Hardware emulation and Software development system for ST16 and ST19	ST16 and ST19 family emulator