

The background features abstract, overlapping geometric shapes in various shades of pink and purple, creating a modern, layered effect.

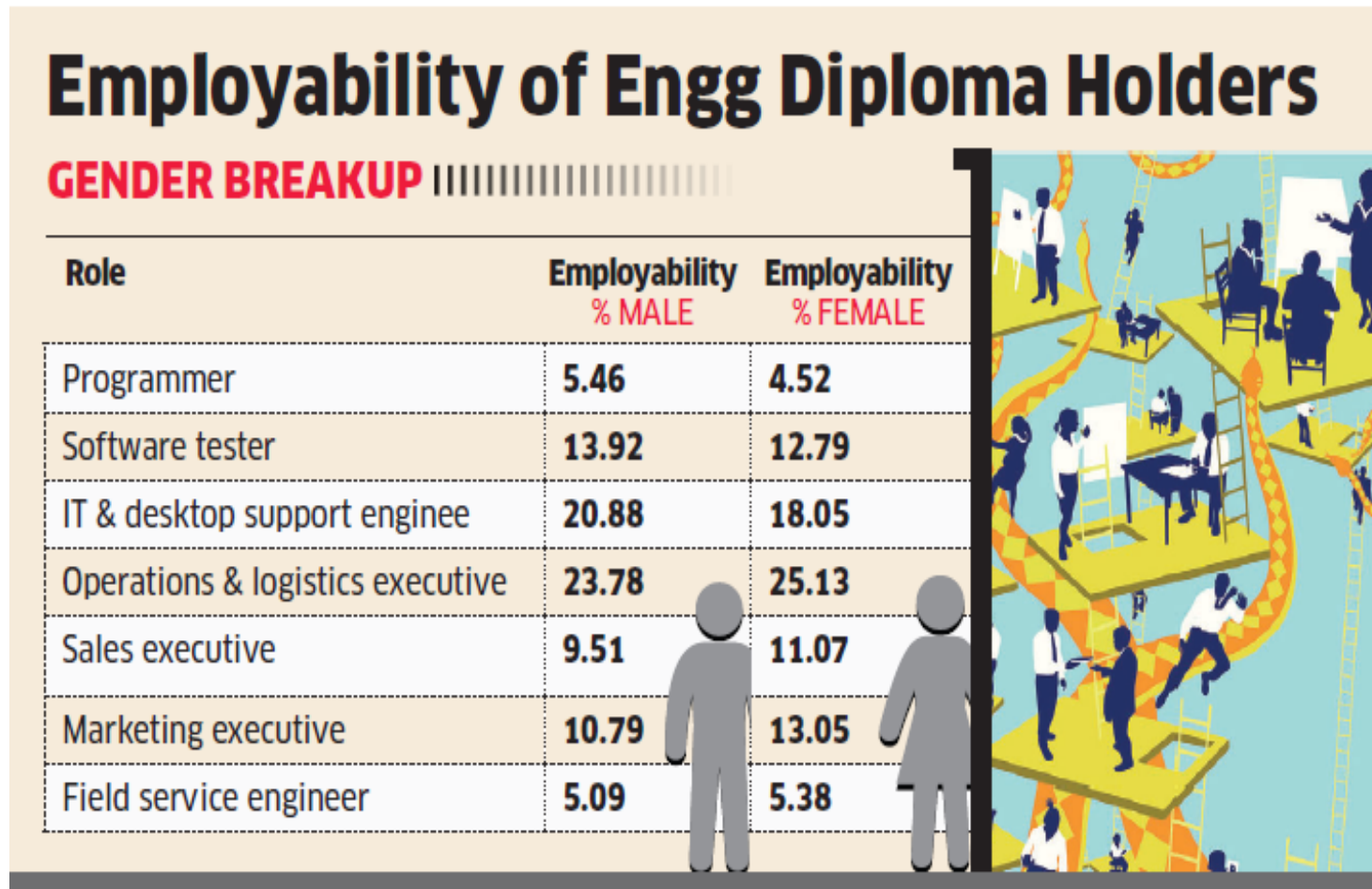
# SKILL ORIENTED LEARNING LEADING TO BETTER EMPLOYABILITY & CAREER ADVANCEMENT

**Rama Reddy R**  
**Senior Engineer**

Congratulations all of you !!!

❖ India has 800,000 engineering diploma holders entering the job market every year

## 20 % of Engineering Diploma Holders Employable: Report



## Less than half of Indian graduates are employable, B.E./B.Tech's have highest skills: Report



## Enhance Your Employability Quotient

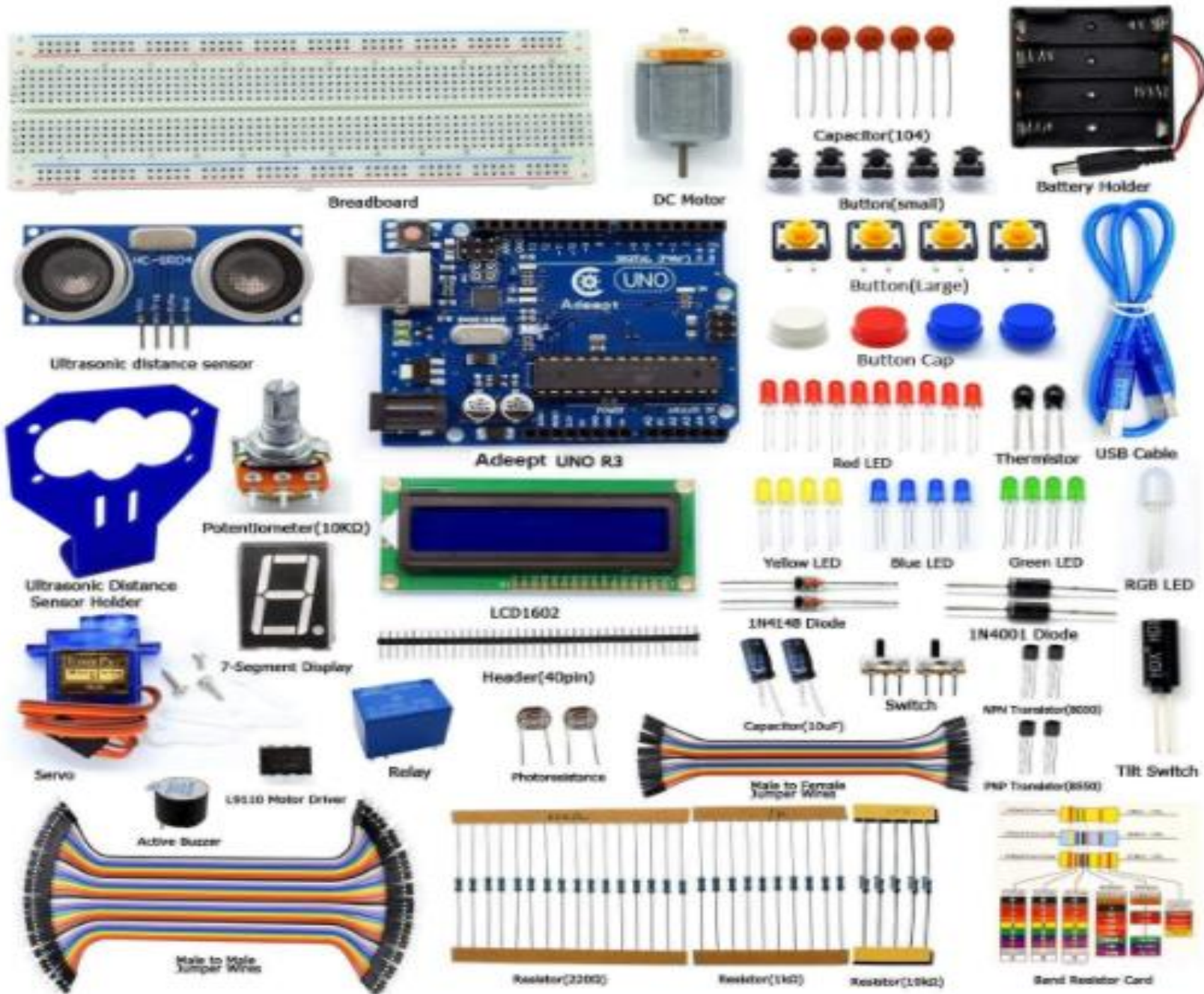
- ❖ Practice and understand the working of each and every Electronic component in Electronics Hardware Labs.  
\*\*\*Get rid of Fear of Electronics through rigorous Practice !!!\*\*\*
- ❖ Start Learning the basics of Programming Languages by Practically Writing the code.
- ❖ Attend vocational training/skill based courses and seek Internships with Industry
- ❖ Remember, you are here for learning, never hesitate to seek help from lecturers and Friends.
- ❖ Start implementing Projects, try solving real-world problems in society with the acquired skill and knowledge
- ❖ Try connecting to industry through Professional Networks.

# DIRT YOUR HANDS WITH ELECTRONICS

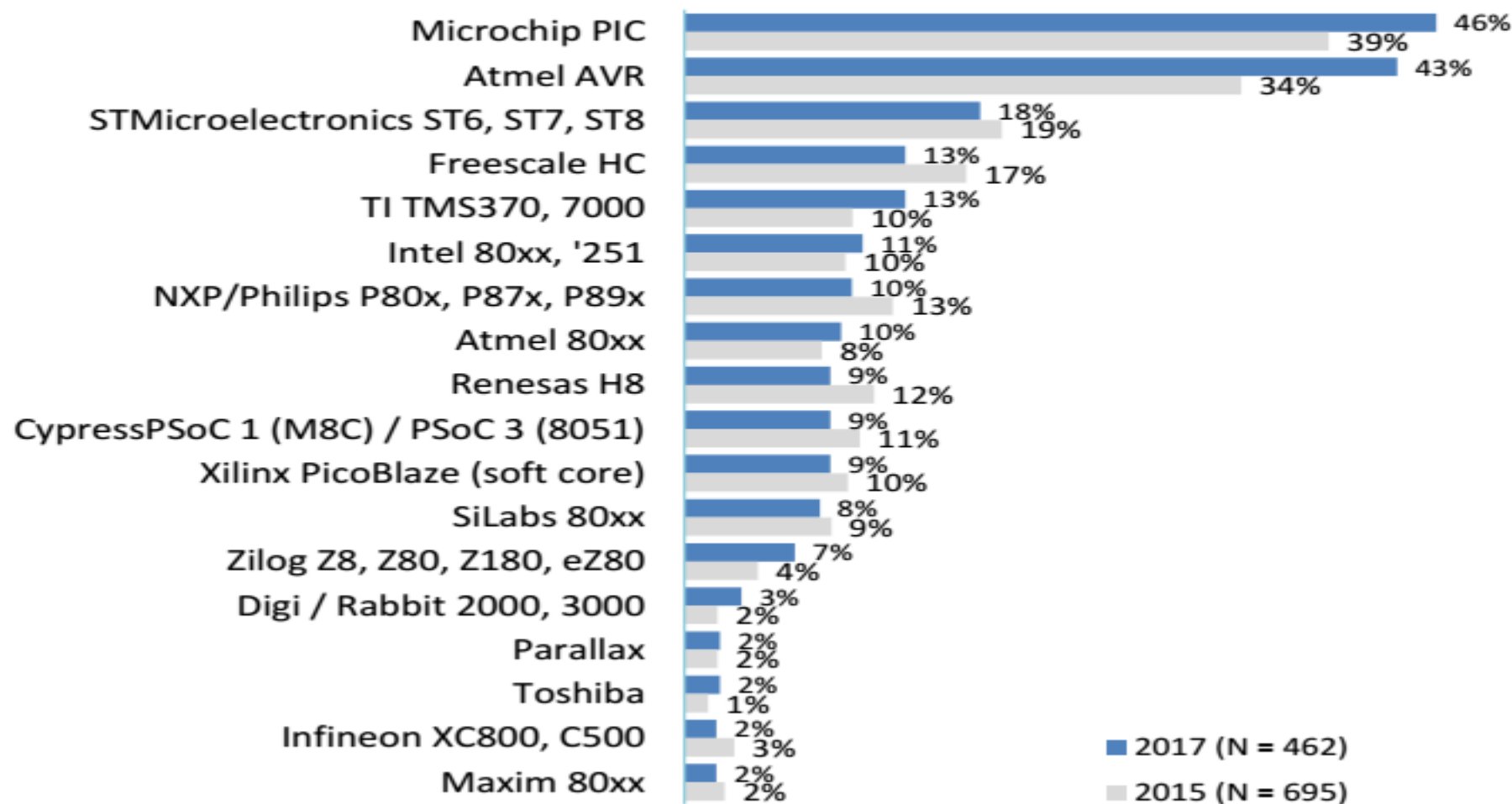
Try to Setup Your Own Mini  
Electronics Lab

Bring the best ideas to Life





## Which of the following 8-bit chip families would you consider for your next embedded project?

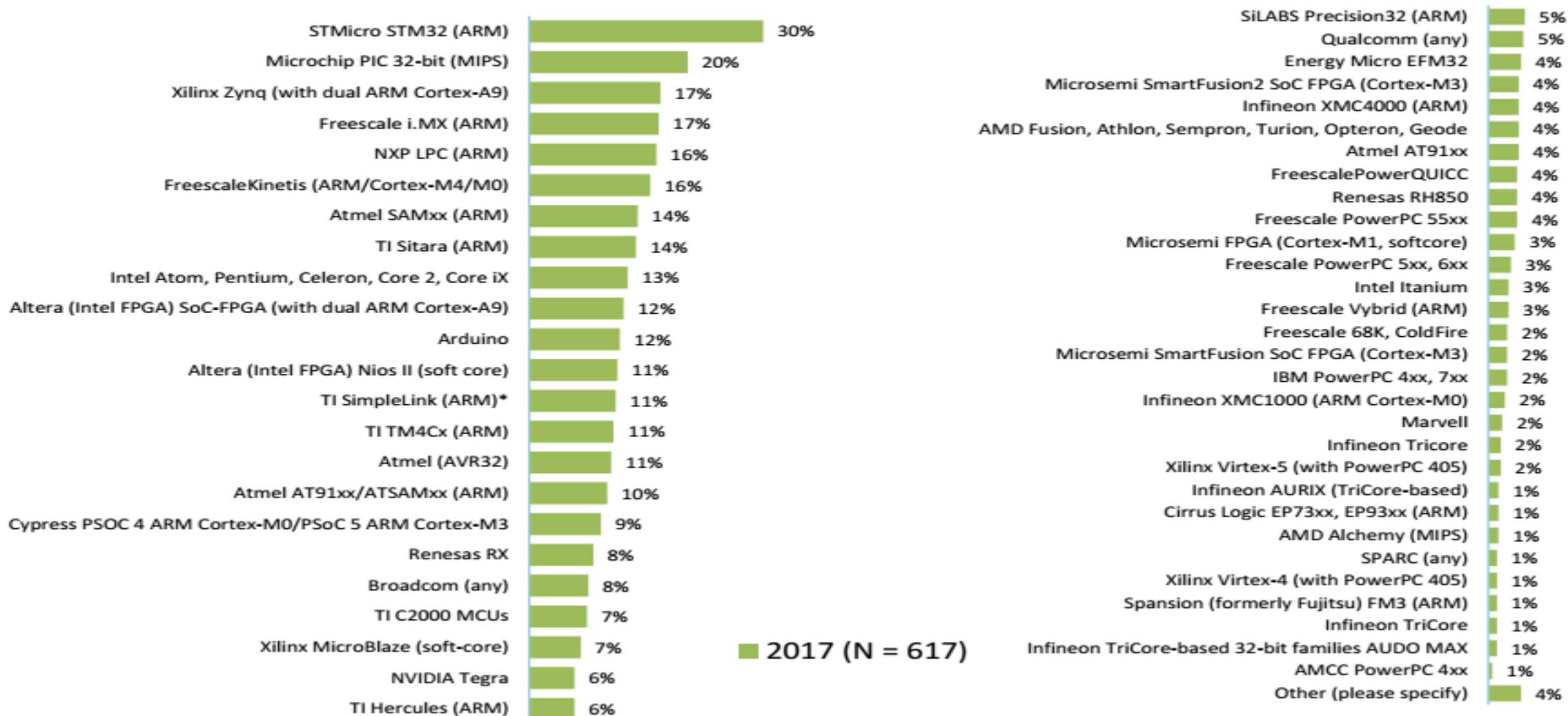




# Which of the following 32-bit chip families would you consider for your next embedded project?



ASPENCORE


















**Start Writing Code**  
**Practice, Practice, Practice...**

**Master the basics of any two**  
**Programming Languages**

**Give best ideas a Life with your code**  
**and solve the real-life problem**

	Jobs	Jobs, web	Jobs, mobile	Jobs, enterprise	Jobs, embedded
1	Python	Python	C	Python	Python
2	C	Java	Java	C	C
3	Java	JavaScript	C++	Java	C++
4	JavaScript	Go	C#	C++	C#
5	C++	HTML	Swift	Go	Assembly
6	Go	C#	Dart	R	Rust
7	R	PHP	Kotlin	C#	D
8	HTML	Ruby	Scala	SQL	Arduino
9	C#	Dart	D	Swift	Ada
10	SQL	Rust	Objective-C	Ruby	Verilog

Rank	Language	Type	Score
1	Python <sup>∨</sup>	  	100.0
2	Java <sup>∨</sup>	  	95.4
3	C <sup>∨</sup>	  	94.7
4	C++ <sup>∨</sup>	  	92.4
5	JavaScript <sup>∨</sup>		88.1
6	C# <sup>∨</sup>	   	82.4
7	R <sup>∨</sup>		81.7
8	Go <sup>∨</sup>	 	77.7
9	HTML <sup>∨</sup>		75.4
10	Swift <sup>∨</sup>	 	70.4

# Free Online Course Resources



<https://www.khanacademy.org/>



<https://www.w3schools.com/>



<https://www.edx.org/>



<https://www.coursera.org/>



<https://swayam.gov.in/>



A Project funded by  
MHRD, Govt. of India

<https://nptel.ac.in/>



<https://www.pluralsight.com/>



<https://ocw.mit.edu/index.htm>



<https://alison.com/>



# DIY (DO IT YOURSELF) PROJECTS ONLINE RESOURCES



<https://www.electronicsforu.com/>



<https://spectrum.ieee.org/>



<https://www.sparkfun.com/news>



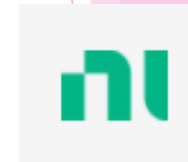
<https://www.hackster.io/>



<https://www.ti.com/>



<https://www.xilinx.com/>



<https://www.ni.com/en-in.html>



<https://in.rsdelivers.com/>

# Free Online Coding Platforms

HackerRank

<https://www.hackerrank.com/>

hackerearth

<https://www.hackerearth.com/>

codewars  
by Qualified

<https://www.codewars.com/>

CODECHEF  
An unacademy Educational Initiative

<https://www.codechef.com/>

coderbyte

<https://coderbyte.com/>



<https://www.topcoder.com/>

CODEFORCES  
Sponsored by Telegram

<https://codeforces.com/>

GUVI

<https://www.guvi.in/>

GeeksforGeeks

<https://www.geeksforgeeks.org/>

<https://www.codeabbey.com/>

# Professional Connect



<https://in.linkedin.com/>



<https://angel.co/>



<https://www.meetup.com/>



<https://www.ieee.org/>

# Apprenticeship Training & Jobs in Govt. Sector



<https://apprenticeshipindia.org/>



<https://www.bel-india.in/>



**Bharat Heavy Electricals Limited**  
Powering Progress, Brightening Lives Touching Every Indian Home

<https://www.bhel.com/>

<https://hal-india.co.in/>



<https://www.bemlindia.in/>



<https://www.nal.res.in/>



<https://www.italtd.in/>

# Internship Training & Jobs in Private Sector

## ElectronicsMaker - 15 Most Promising Semiconductor Companies



## Top 10 Software companies in Bangalore

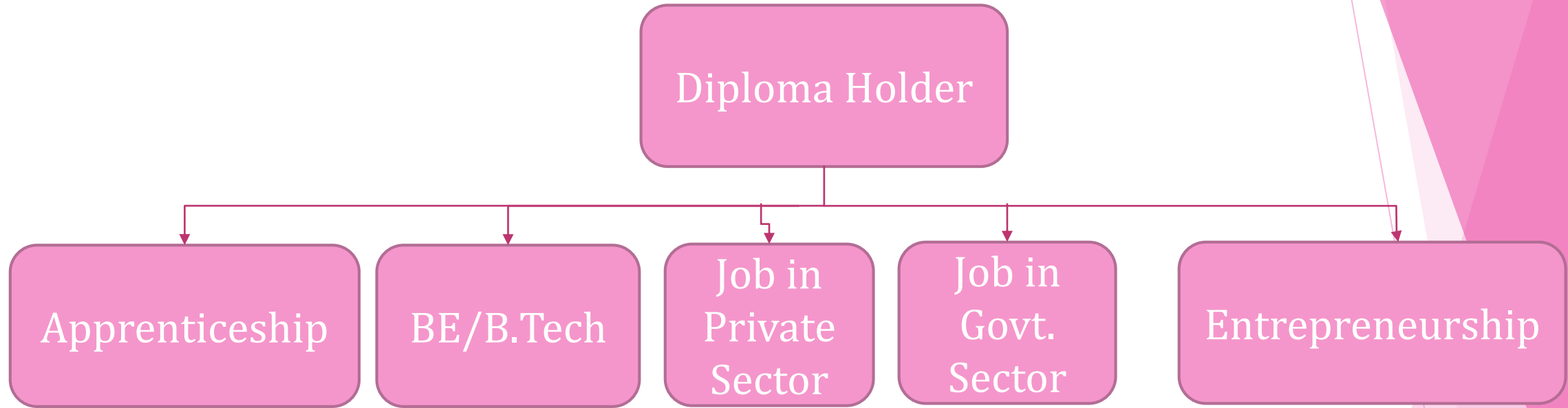


[www.TopBestListed.com](http://www.TopBestListed.com)





## What after Diploma ?



**Plan and choose your career wisely!!!!!!!!!!!!!!!!!!!!!!**

# THANK YOU

**Any Questions????**

If any, Please mail me at [rreddy@ieee.org](mailto:rreddy@ieee.org)