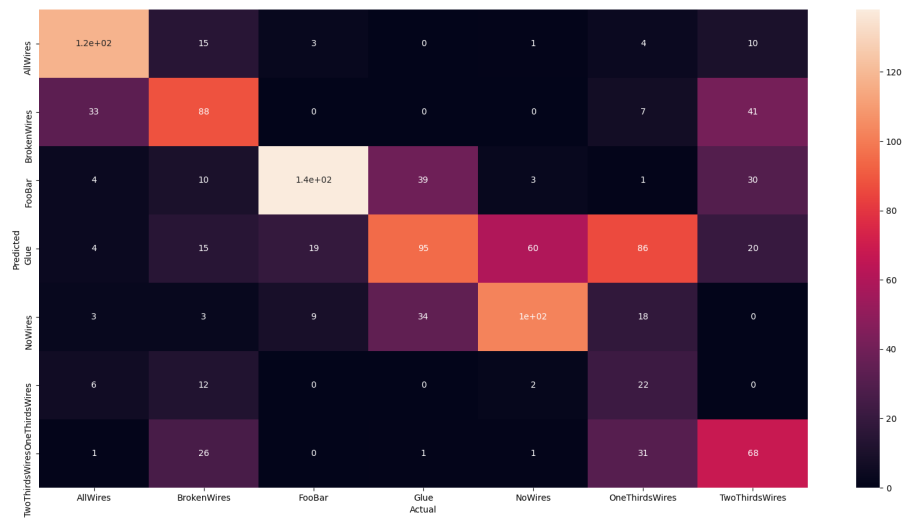# 07_02_2:17:27PM

mobilenet_v3_small_100_224, 10 epochs, batch size 128,

##

Stats

```
Total Tests: 1183
correct predictions: 631
incorrect predictions: 552
Percentage correct: 53.34%
========================
Most missed predictions
AllWires:  51
BrokenWires:  81
FooBar:  31
Glue:  74
NoWires:  67
OneThirdsWires:  147
TwoThirdsWires:  101
```

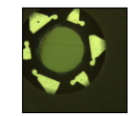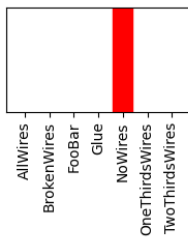# Confusion Matrix

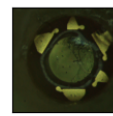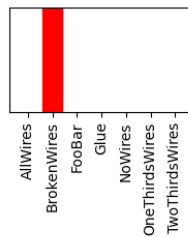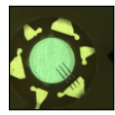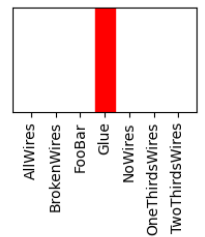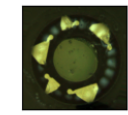|	AllWires	BrokenWires	FooBar	Glue	NoWires	OneThirdsWires	TwoThirdsWires
AllWires	1.2e+02	15	3	0	1	4	10
BrokenWires	33	88	0	0	0	7	41
FooBar	4	10	1.4e+02	39	3	1	30
Glue	4	15	19	95	60	86	20
NoWires	3	3	9	34	1e+02	18	0
OneThirdsWires	6	12	0	0	2	22	0
TwoThirdsWires	1	26	0	1	1	31	68

Predicted (vertical axis) / Actual (horizontal axis)
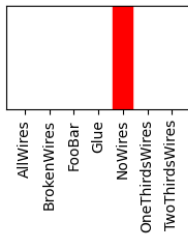
Random Samples

NoWires 100%

BrokenWires 100%

Glue 100%

NoWires 100%

Glue 73%
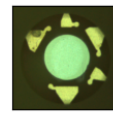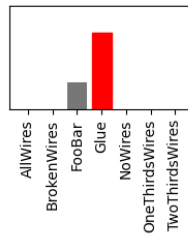
FooBar 100%
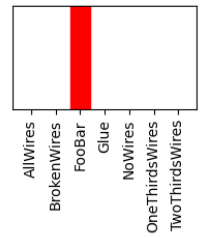
Model Summary

```
_____
Layer (type)                 Output Shape              Param #
=================================================================
keras_layer (KerasLayer)     (None, 1024)              1529968
_____
dropout (Dropout)            (None, 1024)              0
_____
dense (Dense)                (None, 7)                 7175
=================================================================
Total params: 1,537,143
Trainable params: 1,525,031
Non-trainable params: 12,112
_____
```