NOTES: UNLESS OTHERWISE SPECIFIED

1. SPECIFICATIONS/TOLERANCES:
   A. FABRICATE PER IPC-6012, CLASS 2, USING PROVIDED DATA FILES 600-60538-01.TGZ
   B. ALL SPECIFICATIONS USED SHALL BE PER THEIR LATEST REVISIONS.
   C. THE DIMENSIONS OF CIRCUIT FEATURES IN THE PROVIDED DATA MAY BE ADJUSTED ONLY TO COMPENSATE FOR PROCESS TOLERANCES; ADDING, REMOVING OR RELOCATING CIRCUIT FEATURES, INCLUDING NON-FUNCTIONAL PADS, IS NOT ALLOWED, AND THE DESIGN OF ALL PLANE STRUCTURES MUST BE MAINTAINED TO ENSURE PROPER ELECTRICAL PERFORMANCE.
   D. REMOVE ALL BURRS AND BREAK SHARP EDGES, .381 [.015] MAX RADIUS.
   E. PARENTHETICAL INFORMATION IS FOR REFERENCE ONLY.
   F. REPAIR OF PCB DEFECTS IS NOT PERMITTED.

2 DIELECTRIC MATERIAL:
   A. DIELECTRIC MATERIAL SHALL BE PER IS410 OR EQUIVALENT MUST CONFORM TO UL94V-0 (RoHS COMPLIANT EPOXY-GLASS).
   B. MINIMUM DIELECTRIC THICKNESS SHALL BE .051 [.002] FOR REFERENCED STACK-UP DIMENSIONS OF.076 [.003] OR GREATER; IPC-6012 REQUIREMENTS SHALL OTHERWISE APPLY. SINGLE-PLY CONSTRUCTION IS ALLOWED.
   C. SEE LAYER STACK-UP FOR REQUIRED COPPER WEIGHTS AND THE FINISHED PCB THICKNESS. IF SPECIFIED, 1/3 OZ. STARTING FOIL MAY BE ACHIEVED BY 1/2 OZ. FOIL REDUCTION.
   D. FINISHED PCB THICKNESS SHALL BE MEASURED OVER LANDS AND/OR CONDUCTORS NOT COVERED BY SOLDER MASK.

3. DRILLING:
   A. VIA DIAMETERS (TOL. = +.051/- DRILL DIAMETER [+.0020/- DRILL DIAMETER]) SHALL BE VERIFIED BEFORE PLATING; ALL OTHER HOLE DIAMETERS SHALL BE VERIFIED AT FINAL INSPECTION.
   B. LAYER-TO-LAYER MISREGISTRATION SHALL BE .127 [.005] MAXIMUM.

4. SOLDER MASK:
   A. APPLY LPI SOLDER MASK USING PROVIDED DATA.
   B. SOLDER MASK SHALL BE PER IPC-SM-840, CLASS T, COLOR BLUE.
   C. THE DIMENSIONS OF SOLDER MASK-DEFINED PADS ON PLANES AND/OR WIDE CONDUCTORS SHALL NOT BE MODIFIED.
   D. ENSURE ALL THE VIA HOLES ARE FILLED WITH SOLDER MASK TO ENSURE GOOD QUALITY OF SILK SCREEN PRINT.

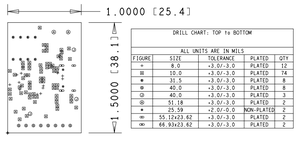
5. MARKING:
   A. MARK PCB PER PROVIDED DATA USING SILKSCREEN OR AUTOMATED INJET PROCESSING WITH PERMANENT, NON-CONDUCTIVE INK, COLOR WHITE.
   B. SUPPLIER ID AND TRACEABILITY INFORMATION SHALL BE APPLIED USING PERMANENT, NON-CONDUCTIVE INK, COLOR WHITE.
   C. INK SHALL NOT BE APPLIED TO ANY SOLDERABLE SURFACE.

6. ELECTRICAL TEST:
   A. DESIGN VERIFICATION SHALL BE DONE PRIOR TO PCB FABRICATION USING SUPPLIED VALOR ODB++ DATABASE, OR GERBER DATA AND AN IPC-D-356 NETLIST.
   B. ALL PCBS SHALL BE 100% ELECTRICALLY TESTED FOR OPENS AND SHORTS USING PROVIDED DATA.
   C. APPLY TEST STAMP IN NON-LEGEND AREA ON REAR SIDE OF PCB; OK TO APPLY TO PANEL RAILS IF SPACE DOES NOT PERMIT.

7 FINAL FINISH:
   A. FINAL FINISH SHALL BE ELECTROLESS NICKEL/IMMERSION GOLD (ENIG) PER IPC-4552.

8. IMPEDANCE:
   A. IMPEDANCE TOLERANCE SHALL BE +/- 10%.
   B. SEE LAYER STACK-UP FOR IMPEDANCE REQUIREMENTS.

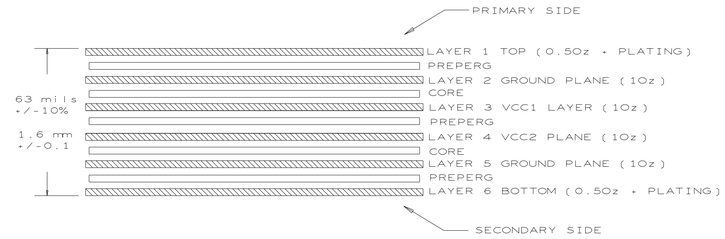
9. IF PANELIZATION SPECIFICATIONS ARE PROVIDED, THE PCBS SHALL BE DELIVERED IN PANEL FORM. HOWEVER, THESE SPECIFICATIONS MAY BE CHANGED AS REQUIRED BY THE CONTRACT MANUFACTURER TO SUPPORT VOLUME ASSEMBLY REQUIREMENTS.



DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	QTY
+	8.0	+3.0/-3.0	PLATED	12
⊞	35.0	+3.0/-3.0	PLATED	74
●	31.5	+3.0/-3.0	PLATED	8
⊕	40.0	+3.0/-3.0	PLATED	8
⊡	40.0	+3.0/-3.0	PLATED	3
⊡	51.18	+3.0/-3.0	PLATED	2
▪	25.59	+2.0/-0.0	NON-PLATED	2
⌀∞	55.12x23.62	+3.0/-3.0	PLATED	2
⌀∞	66.93x23.62	+3.0/-3.0	PLATED	2



SEE BOM	SEE BOM
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC WITH INCHES IN BRACKETS
.XXX ±.064 [±.005] .XX ±.13 [±.01] ANGLES ±.5°

MATERIAL 2

FINISH 7

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN HUSA	11/12/18
ENGINEER KUMR	11/12/18
CHECKER HITS	11/12/18
QA -	-
PROJ. ENG. -	-

CYPRESS EMBEDDED IN TOMORROW
198 CHAMPION COURT
SAN JOSE, CA 95134
(408) 943-2600

TITLE: PCB FABRICATION, CY4533 BCR EVK

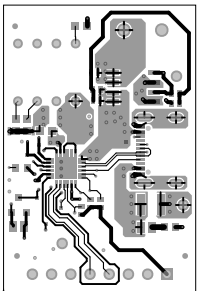
SIZE	CAGE CODE	CY P/N
D	-	610-60538-01

SCALE	SHEET	REV
1/1	1 OF 1	02

COMPUTER GENERATED DRAWING
DO NOT CHANGE MANUALLY

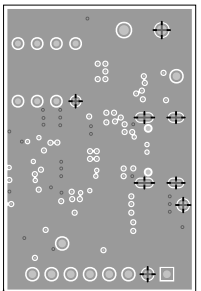
ALLEGRO FILE: 600-XXXXX-01_02.BRD

ART FILM - 01_TOP

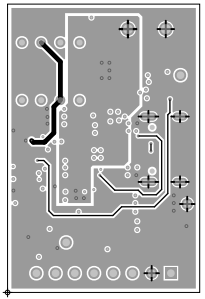


CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: PRIMARY SIDE		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 01_TOP



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: GROUND1 LAYER		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18



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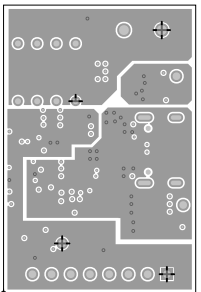
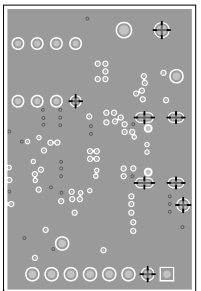
	DRAWN BY: HUSA		
	LAYER: SIGNAL LAYER		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: POWER LAYER		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

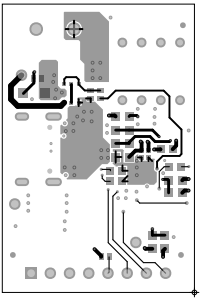
ART FILM - 05_GND2



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: GROUND2 LAYER		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 05_GND2

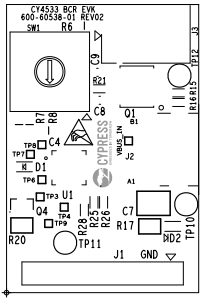
ART FILM - 06_BOTTOM



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: SECONDARY SIDE		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 06_BOTTOM

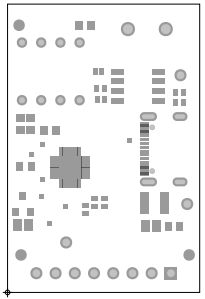
ART FILM - 07_TOP_SILK



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: PRIMARY SIDE SILKSCREEN		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 07_TOP_SILK

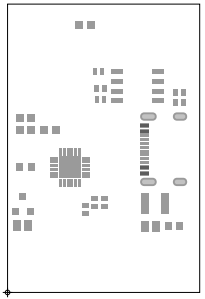
ART FILM - 08_TOP_MASK



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: PRIMARY SIDE SOLDERMASK		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 08_TOP_MASK

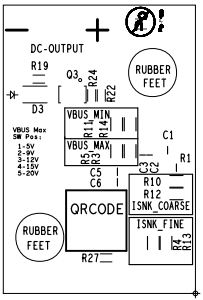
ART FILM - 09_TOP_PASTE



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: PRIMARY SIDE SOLDERPASTE		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

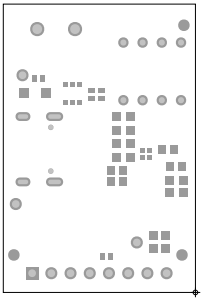
ART FILM - 09_TOP_PASTE

ART FILM - 10_BOT_SILK



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: SECONDARY SIDE SILKSCREEN		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18

ART FILM - 10_BOT_SILK



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
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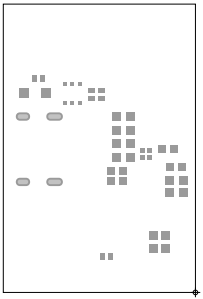
	LAYER: SECONDARY SIDE SOLDERMASK		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18



CYPRESS EMBEDDED IN TOMORROW SAN JOSE, CA 95134 (408) 943-2600	PROJECT: BOARD NAME: CY4533 BCR EVK		
	DRAWN BY: HUSA		
	LAYER: SECONDARY SIDE SOLDERPASTE		
	DWG NO: 600-60538-01	REV: 02	DATE: 11/12/18